

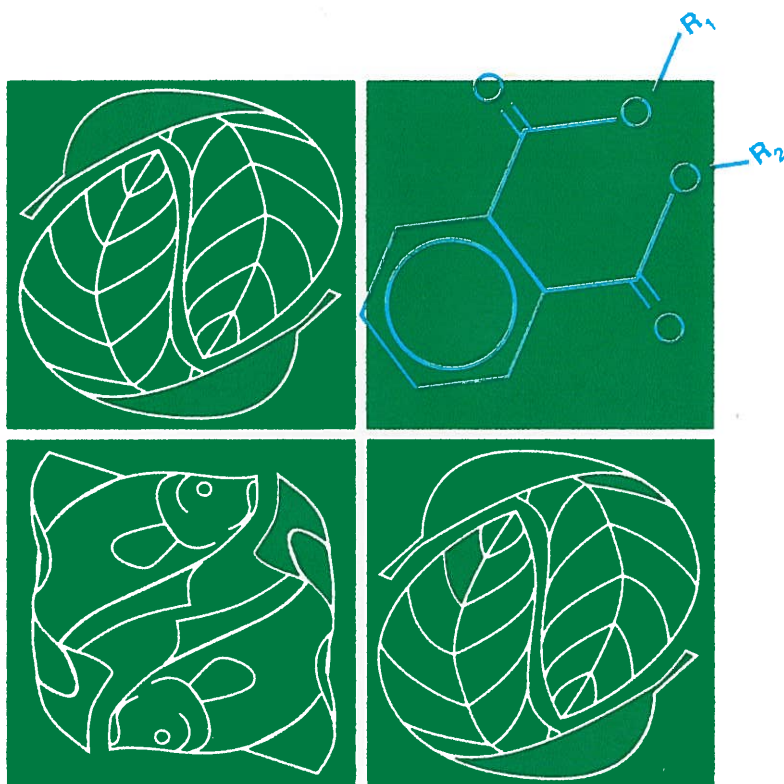


**ENVIRONMENTAL  
PROTECTION**

Esa Nikunen • Riitta Leinonen  
Birgit Kemiläinen • Arto Kultamaa

# Environmental properties of chemicals

Volume 2





Esa Nikunen • Riitta Leinonen  
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Volume 2



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# 3 Abbreviations and explanations

## 3.1 Ways of exposure

iat	intraarterial
ial	intraaural
icv	intracervical
idr	intradermal
idu	intraduodenal
ihl	inhalation
ims	intramuscular
ipc	intraplacental
ipl	intrapleural
ipr	intraperitoneal
irn	intrarenal
isp	intrapinal
itr	intratracheal
ivg	intravaginal
ivn	intravenous
ocu	ocular
orl	oral
par	parenteral
rec	rectal
scu	subcutaneous
skn	skin
ukn	unknown

## 3.2 Exposed species

bdw	wild bird
brd	bird (domestic or lab)
cat	cat
ckn	chicken
chd	child
ctl	cattle
dck	duck
dog	dog
frg	frog
gpg	guinea pig
grb	gerbil
ham	hamster
hmn	human
inf	infant
juv	juvenile
lrv	larvae
mam	mammal

man	man
mky	monkey
mus	mouse
pgn	pigeon
pig	pig
qal	quail
rat	rat
rbt	rabbit
sql	squirrel
ukn	unreported
wmn	woman

## 3.3 Effects

bhv	behaviour
bms	biomass
car	carcinogenic effects
dvm	development
grw	growth
his	histology
ihb	inhibition
imb	immobility
mbt	mobility
pht	photosynthesis
phy	physiology
preg	pregnancy
rdc	reduction
rpd	reproduction
srv	survival
sti	stimulation

## 3.4 Length of exposure

act	acute
sact	subacute
chr	chronic
schr	semichronic
s	second
min	minute
hr	hour
d	day
w	week
mo	month
yr	year

### **3.5 Odour thresholds**

#### **Threshold Odour Concentration (T.O.C):**

- when T.O.C. is given without any qualification, it is usually the 50 % recognition threshold
- other definitions:
  - Hedonic tone: the pleasure or displeasure that the odour judge associated with the odour quality being observed.

#### **Absolute Odour Threshold:**

- the concentration at which 50 % of the odour panel detected the odour.

#### **50 % Recognition Threshold:**

- the concentration at which 50 % of the odour panel defined the odour as being representative of the odourant being studied.

#### **100 % Recognition Threshold:**

- the concentration at which 100 % of the odour panel defined the odour as being representative of the odourant being studied.

#### **PPT50 (Population Perception Threshold):**

- the concentration at which 50% of the people who have a capable sense of smell are able to detect an odour.

#### **PIT50 (Population Identification Threshold):**

- the concentration at which 50 % of the population can identify and describe the odour, or at least compare its quality with another odour.

#### **IPT (Individual Perception Threshold):**

- the lowest concentration of a particular odour at which a subject gave both an initial positive response and a repeated response when the same stimulus was given a second time.

#### **T.O.N. (Threshold Odour Number):**

- the number of times a given volume of the gas sample has to be diluted with clean, odourless air to bring it to the threshold level (detected by 50 % of the panel observers). The T.O.N. is thus the value of the intensity of an odour expressed in odour units.

#### **O.I. (Odour Index):**

- a dimension less term which is based upon vapour pressure and odour recognition threshold (100 %) as follows:

$$\text{O.I.} = \frac{\text{vapour pressure(ppm)}}{\text{odour recognition thresholds (100 %) (ppm)}}$$

when 1 atm = 1000000 ppm

### 3.6 Toxicity endpoints

- LD50 Dose that kills 50 % of the population.
- LC50 Concentration that within testing period kills 50 % of the population.
- LDLo Lowest dose that has increased lethality.
- LCLo Lowest concentration that has increased lethality.
- TDLo Lowest dose that has induced toxicological reactions to man or carcinogenic, neoplastigenic or teratogenic reactions to test animals or man.
- TCLo Lowest concentration that has induced reactions mentioned with TDLo.
- EC50 Concentration that within testing period induces some specified toxicological reaction in 50 % of the population.
- $E_bC50$  (x hr) The median effective concentration for inhibition of growth based on a comparison of areas under the growth curves after "x" hours (biomass).
- $E_rC50$  (x-y hr) The median effective concentration for inhibition of growth based on a comparison of maximum growth rates (from "x" to "y" hours) (rate).
- LOEC Lowest concentration that within testing period induces some specified toxicological reactions.
- NOEC Concentration that has induced no toxicological effects.
- ALD Approximate lethal dose (indicates acute oral toxicity).
- LDfr Daily dose that kills 50 % of the population in 72 hour feeding test (indicates subacute toxicity).

### 3.7 Other abbreviations

- BCF The ratio of the concentration of the test chemical in the test animal to the concentration in the test environment (e.g. water) or the ratio between uptake rate and depuration rate.
- $K_a$  dissociation constant, acids. ( $pK_a = -\log K_a$ )
- $K_b$  dissociation constant, bases. ( $pK_b = -\log K_b$ )
- hrd hard dilution water.
- sfd soft dilution water.

## 4 List of exposed species

### 4.1 Mammals

Scientific name	English name	Finnish name
<i>Alces alces</i>	Moose	hirvi
<i>Alopex lagopus</i>	Arctic fox	naali
<i>Antilocapra americana</i>	Pronghorn antelope	hanka-antilooppi
<i>Aposemus sylvaticus</i>	Field mouse	pikkumetsähiiri
<i>Arctocephalus pusillus</i>	Australian fur seal	etelänmerikarhu
<i>Blarina brevicauda</i>	Short-tailed shrew	lyhyhäntäpäästäinen
<i>Callorhinus ursinus</i>	Northern fur seal	turkishylje
<i>Canis familiaris</i>	Dog	koira
<i>Canis latrans</i>	Coyote	kojootti
<i>Canis lupus</i>	Wolf	susi
<i>Capreolus capreolus</i>	Roe deer	metsäkauris
<i>Castor canadensis</i>	Beaver	majava
<i>Clethrionomys gapperi</i>	Red-backed vole	amerikan punamyyrä
<i>Clethrionomys glareolus</i>	Bank vole	metsämyyrä
<i>Cryptotis parva</i>	Least shrew	amerikan-kääpiöpäästäinen
<i>Cystophoracristata</i>	Hooded seal	kuplahylje
<i>Delphinapterus leucas</i>	Beluga whale	maitovalas
<i>Delphinus delphis</i>	Common dolphin	delfiini
<i>Eptesicus capensis</i>	Bat	Vespertilionidae-lepakkolaji
<i>Eptesicus fuscus</i>	Big brown bat	Vespertilionidae-lepakkolaji
<i>Erignathus barbatus</i>	Bearded seal	partahylje
<i>Eutamias amoenus</i>	Chipmunk	maaravalaji
<i>Funambulus pennanti</i>	Ground squirrel	palmuorava
<i>Glaucomyys volans</i>	Flying squirrel	etelän liito-orava
<i>Globicephala macrorhyncha</i>	Short-finned pilot whale	isokuonopallopää
<i>Globicephala melaena</i>	Atlantic pilot whale	pallopää
<i>Halichoerus grypus</i>	Grey seal	halli
<i>Hyperoodon ampullatus</i>	Bottle-nosed whale	pullonokkavalas
<i>Lagenodelphis hosei</i>	Fraser's dolphin	fraserindelfiini
<i>Lagerorhynchus albirostris</i>	White-beaked dolphin	valkonokkadelfiini
<i>Lagerorhynchus obliquidens</i>	Pacific white-sided dolphin	juovadelfiini
<i>Lagerorhynchus obscurus</i>	Dusky dolphin	mustadelfiini
<i>Lasiurus borealis</i>	Red bat	lepakkolaji

Lepus americanus	Snowshoe hare	lumikenkäjänis
Lepus californicus	Black-tailed jackrabbit	mustahäntäjänis
Lepus capensis	Brown hare	rusakko
Lepus timidus	Mountain hare	metsäjänis
Lutra sp.	Otter	saukko-lajeja
Lynx rufus	Bobcat	punailves
Martens americana	Marten	amerikannäätä
Martes pennanti	Fisher	kalastajanäätä
Megaptera novaeangliae	Humpback whale	ryhävalas
Mephitis mephitis	Striped skunk	haisunäätä
Mesocricetus auratus	Hamster	hamsteri
Mesoplodon densirostris	Dense-beaked whale	blainvillenvallas
Microtus arvalis	Common vole	kenttämyyrä
Microtus canicaudus	Gray-tailed vole	myyrälaji
Microtus longicaudus	Vole	myyrälaji
Microtus montanus	Vole	myyrälaji
Microtus pennsylvanicus	Meadow vole	niittymyyrä
Monachus schauinslandi	Hawaiian monk seal	havaijinhylje
Mus musculus	House mouse	kotihiiri
Mustela nivalis	Weasel	isolumikko
Mustela putorius furo	Ferret	hilleri
Mustela vison	Mink	minkki
Myotis grisescens	Gray bat	siippalaji
Myotis lucifugus	Little brown bat	siippalaji
Myotis sodalis	Indiana myotis	siippalaji
Neomeris phocaenoides	Finless porpoise	rosopyöriäinen
Neotoma cinerea	Pack rat	kauppiasrotta
Nycteris thebaica	Egyptian hollow-faced bat	Theban lepakko
Nycticeius humeralis	Evening bat	siippalaji
Nycticeius schlieffeni	Bat	siippalaji
Odocoileus hemionus	Mule deer	isokorva-, muulipeura
Odocoileus virginianus	White-tailed deer	valkohäntäpeura
Ondatra zibethica	Muskrat	piisami
Oryzomys palustris	Rice rat	riisirotta
Ovis aries	Sheep	lammas
Pagophilus groenlandicus	Harp seal	grönlanninhylje
Peromyscus gossypinus	Cotton mouse	hiirilaji
Peromyscus leucopus	White-footed mouse	valkojalkahiiri
Peromyscus maniculatus	Deer mouse	peurahiiri
Peromyscus polionotus	Old-field mouse	peurahiirilaji
Phoca groenlandica	Harp seal	grönlanninhylje
Phoca hispida	Ringed seal	norppa

Phoca hispida		
saimensis	Saimaa ringed seal	saimaannorppa
Phoca vitulina	Harbour seal	kirjohylje
Phocaenoides dalli	Dall's porpoise	dallinpyöriäinen
Phocoena phocoena	Harbour porpoise	pyöriäinen
Physeter catodon	Sperm whale	kaskelotti
Pontoporia blainvillei	Franciscana dolphin	fransiskaanidelfiini
Procyon lotor	Raccoon	pesukarhu
Rangifer tarandus	Caribou, reindeer	poro
Rattus norvegicus	Rat	rotta
Reithrodontomys		
humulis	Harvest mouse	vaivaishiirilaji
Reithrodontomys		
megaloris	Western harvest mouse	vaivaishiirilaji
Scalopus aquaticus	Mole	amerikanmaamyyrä
Sciurus carolinensis	Gray squirrel	harmaaorava
Scotophilus	Lesser yellow	
borbonicus	house bat	siippalaji
Scotophilus dingani	Bat	siippalaji
Sigmodon hispidus	Cotton rat	puuvillarotta
Sorex araneus	Common shrew	metsäpäästäinen
Sorex cinereus	Masked shrew	päästäislaji
Sorex vagrans	Shrew sp.	päästäislaji
Sotalia guianensis	Surinam dolphin	delfiinilaji
Spermophilus		
columbianus	Columbian ground	
squirrel	squirrel	maaoravalaji
Spermophilus		
tridecimlineatus	13-lined ground	
squirrel	squirrel	leopardisiiseli
Spermophilus variegatus	Rock squirrel	maaoravalaji
Stenella coeruleoalba	Striped dolphin	kirjodelfiini
Steno bredanensis	Rough-toothed	
	dolphin	rosohammasdelfiini
Sus scrofa	Wild boar	villisika
Sylvilagus aquaticus	Swamp rabbit	rämekaniini
Sylvilagus floridanus	Cottontail rabbit	pumpulihäntäkaniini
Sylvilagus palustris	Marsh rabbit	suokaniini
Tadarida brasiliensis	Mexican free-tailed	buldoggilepakko
	bat	
Tamiasciurus		
hudsonicus	Red squirrel	punaorava
Taxidea taxus	Badger	amerikanmäyrä
Turniops truncatus	Bottle-nosed dolphin	pullonokkadelfiini
Ursus maritimus	Polar bear	jääkarhu
Vulpes fulva	Red fox	punakettu
Vulpes velox	Kit fox	kissakettu
Vulpes vulpes	Fox	kettu
Zalophus californianus	California sea lion	Kalifornian merileijona

## 4.2 Plants

Allium cepa	Onion	sipuli
Avena sativa	Oats	kaura
Beta vulgaris	Sugarbeet	sokerijuurikas
Betula alleghaniensis	Yellow birch	koivulaji
Betula papperifera	White birch	koivulaji
Chenopodium album	Lambs quarters	jauhosavikka
Cirsium arvense	Canada thistle	peltto-ohdake
Citrus aurantium	Sour orange	sitruslaji
Cucumis sativus	Cucumber	kurkku
Cyperus rotundus	Purple nutsedge	kaislalaji
Festuca rubra	Creeping red fescue	punanata
Glycine max	Soybean	soijapapu
Gossypium sp.	Cotton	puuvilla
Gracilaria foliifera	Red seaweed	punainen merilevälaji
Gracilaria verrucosa	Red seaweed	punainen merilevälaji
Helianthus annuus	Sunflower	auringonkukka
Hordeum vulgare	Barley	ohra
Lactuca sativa	Lettuce	lehtisalaatti
Lolium perenne	Ryegrass	raiheinä
Lycopersicon esculentum	Tomato	tomaatti
Onobrychis viciaefolia	Sainfoin	esparsetti
Oryza sativa	Rice	riisi
Phaseolus vulgaris	Bean	papu
Pisum sativum	Pea	herne
Pleum pratense	Timothy	timotei
Poa annua	Annual meadow grass	kylänurmikka
Populus tremula	Aspen	haapa
Pseudotsuga menziesii	Douglas fir	Douglas-kuusi
Secale cereale	Rye	ruis
Senecio vulgaris	Groundsel	peltovillakko
Sesbania exaltata	Helm Sesbania	'Sesbania'
Setaria viridis	Green foxtail	vihreä pantaheinä
Trifolium pratense	Red clover	apila
Triticum aestivum	Wheat	kevätevehnä
Triticum hibernum	Wheat	syysvehnä
Triticum sativum	Wheat	viljelysvehnä
Vicia faba	Horse, broad bean	härkäpapu
Vicia sativa	Common vetch	elovirna, peltovirna
Xanthium pensylvaticum	Cocklebur	sappiruoho
Zea mays	Maize	maissi

### 4.3 Birds

<i>Acanthis cannabina</i>	Linnet	hemppo
<i>Accipiter cooperii</i>	Cooper's hawk	kyykyhaukka
<i>Acrocephalus dumetorum</i>	Blyth's reed warbler	viitakerttunen
<i>Acrocephalus palustris</i>	Marsh warbler	luhtakerttunen
<i>Acrocephalus schoenobaenus</i>	Sedge warbler	ruokokerttunen
<i>Agelaius phoeniceus</i>	Red-winged blackbird	punaolkaturpiaali
<i>Agelaius tricolor</i>	Tricoloured blackbird	kalifornianturpiaali
<i>Alauda arvensis</i>	Eurasian sky lark	kiuru
<i>Alectoris rufa</i>	Red-legged partridge	punapyy
<i>Anas acuta</i>	Common pintail	jouhisorsa
<i>Anas discors</i>	Blue-winged teal	sinisiipitavi
<i>Anas platyrhynchos</i>	Mallard duck	sinisorsa
<i>Anser anser</i>	Greylag goose	merihanhi
<i>Anthus pratensis</i>	Meadow pipit	niittykirvinen
<i>Aphelocoma coerulescens</i>	Scrub jay	kalifornianpensasnärho
<i>Apus apus</i>	Common swift	tervapääsky
<i>Aquila chrysaetos</i>	Golden eagle	kotka
<i>Aratinga canicularis</i>	Orange-fronted conure	termiittiaratti
<i>Aratinga pertinax</i>	Brown-throated conure	orinoconaratti
<i>Asio flammeus</i>	Short-eared owl	suopöllö
<i>Asio otus</i>	Long-eared owl	sarvipöllö
<i>Bombycilla cedrorum</i>	Cedar waxwing	amerikantilhi
<i>Branta canadensis</i>	Canada goose	kanadanhanhi
<i>Buteo swainsonii</i>	Swainson's hawk	preerianhaukka
<i>Calamospiza melanocory</i>	Lark bunting	sirkkulaji
<i>Carduelis carduelis</i>	Eurasian goldfinch	tikli
<i>Carduelis chloris</i>	Western green finch	viherpeippo
<i>Carpodacus cassinii</i>	Cassins finch	mäntypunavarpunen
<i>Carpodacus erythrinus</i>	Common rosen finch	punavarpunen
<i>Carpodacus mexicanus</i>	House finch	pihapunavarpunen
<i>Cassidix major</i>	Boat-tailed grackle	mainalintulaji
<i>Cillipepla californica</i>	California quail	
<i>Circus cyaneus</i>	Harrier	sinisuohaukka
<i>Colinus virginianus</i>	Common bobwhite	peltoviiriäinen
<i>Columba livia</i>	Rock dove,	
	Common pigeon	kesykyyhky
<i>Columba oenas</i>	Stock pigeon	uuttukyyhky
<i>Columba palumbus</i>	Wood pigeon	sepelkyyhky
<i>Columbina passerina</i>	Common ground dove	suomuvarpuskyyhky
<i>Columbina talpacoti</i>	Ruddy ground dove	kastanjavarpuskyyhky
<i>Corvus brachyrhynchos</i>	American crow	amerikanvaris
<i>Corvus corax</i>	Common raven	korppi



Corvus corone	Carrion crow	varis
Corvus frugilegus	Rook	mustavaris
Corvus monedula	Jackdaw	naakka
Coturnix coturnix	Common quail	viiriäinen
Coturnix japonica	Japanese quail	japaninviiriäinen
Coturnix virginianus	Bobwhite quail	virginianpyy
Crex crex	Corn crace	ruisrääkkä
Cyanocitta cristata	Blue jay	sinitöyhtönärhi
Cyanocorax yncas	Green jay	loistonärhi
Delichon urbica	Common house martin	räystäspääsky
Dendrocygna bicolor	Fulvous whistling-duck	ruskoviheltjäjäSORSA
Emberiza citrinella	Yellow bunting	keltasirkku
Emberiza hortulana	Ortolan bunting	peltosirkku
Emberiza schoeniclus	Reed bunting	pajusirkku
Eremophila alpestris	Horned lark	tunturikiuru
Euplectes orix	Red bishop	punapiispa
Falco sparverius	American kestrel	amerikantuulihaukka
Falco tinnunculus	Common kestrel	tuulihaukka
Gallinago gallinago	Common snipe	taivaanvuohi
Gallus domesticus	Domestic chicken	kana
Gallus gallus	Red jungle-fowl	punaviidakkokana
Grus canadensis	Sandhill crane	hietakurki
Hirundo rustica	Swallow	haarapääsky
Lanius collurio	Red-backed shrike	pikkulepinkäinen
Larus canus	Mew gull	kalalokki
Larus delawarensis	Ring-billed gull	rengasnokkalokki
Leptotila verreauxi	White-fronted dove	juoksukyyhky
Locustella fluviatilis	River warbler	viitasirkkalintu
Locustella naevia	Grasshopper warbler	pensassirkkalintu
Loznortyx californica	California quail	kaliforniantupsu- viiriäinen
Meleagris gallopavo	Wild turkey	kalkkuna
Melopsittacus undulatus	Budgerigar	undulaatti
Molothrus ater	Brown-headed cowbird	lehmäturpiaali
Molothrus bonariensis	Shiny cowbird	hohtoturpiaali
Motacilla alba	Wagtail	västäräkki
Motacilla flava	Yellow wagtail	keltavästäräkki
Myiopsitta monachus	Monk parakeet	munkkiaraatti
Numenius arquata	Western curlew	isokuovi
Oenanthe oenanthe	Northern wheatear	kivitasku
Ortalis vetula	Plain chachalaca	ruskosiipiklattaja
Passer domesticus	House sparrow	varpunen
Passer luteus	Golden sparrow	varpuslaji
Perdix perdix	Grey partridge	peltopyy
Phasianus colchicus	Common pheasant	fasaani

Philomachus pugnax	Ruff	suokukko
Phylloscopus trochilus	Willow warbler	pajulintu
Pica nuttalli	Yellow-billed magpie	kalifornianharakka
Pica pica	Black-billed magpie	harakka
Ploceus culullatus	Village weaver	kyläkutoja
Ploceus taeniopterus	Northern masked weaver	viitakutoja
Quelea quelea	Red-billed quelea	miljoonakutoja
Quiscalus quiscula	Common grackle	purppuraturpiaali
Saxicola rubetra	Whinchat	pensastasku
Scardafella inca	Inca dove	inkakyyhky
Scardafella squammata	Scaly dove	suomuinkakyyhky
Spiza americana	Dickcissel	
Sporophila minuta	Ruddy-breasted seedeater	punasirkkanen
Streptopelia risoria	Ringed turtledove	kyyhkylaji
Streptopelia turtur	Turtle dove	tunturikyyhky
Sturnus vulgaris	European starling	kottarainen
Sylvia communis	Whitethroat	pensaskerttu
Sylvia curruca	Lesser whitethroat	hernekerttu
Tangavius aeneus	Bronzed cowbird	
Toxostoma curvirostre	Curve-billed thrasher	lavertajasirppimatkija
Toxostoma rufum	Brown thrasher	ruostesirppimatkija
Tringa glareola	Wood sandpiper	liro
Tringa totanus	Common redshank	punajalkaviklo
Turdus migratorius	American robin	punarintarastas
Turdus pilaris	Fieldfare	räkättirastas
Tympanuchus phasianellus	Sharp-tailed grouse	suippopyrstökana
Tyto alba	Barn owl	tornipöllö
Vanellus vanellus	Northern lapwing	töyhtöhyppä
Volatia jacarina	Blue-black grassquit	
Xanthocephalus xanthocephalus	Yellow-headed blackbird	
Zenaida auriculata	Eared dove	täpläkorvakyyhky
Zenaida asiatica	White-winged dove	pikkusiipikyyhky
Zenaida macroura	Mourning dove	vaikertajakyyhky
Zonotrichia atricapilla	Golden-crowned sparrow	kultakruunusirkku
Zonotrichia leucophrys	White-crowned sparrow	juovapääsirkku

## 4.4 Insects

Acroneuria	Stonefly	koskikorento
Acroneuria pacifica	Stonefly	koskikorento
Aedes	Mosquito fly	sääski
Aedes aegypti	Mosquito fly	moskiitto
Anopheles	Mosquito fly	moskiitto
Apis	Honey bee	mehiläinen
Apis mellifera	Honey bee	mehiläinen
Baetis	Mayfly	sukeltajasurviainen
Bombus	Bumble bee	kimalainen
Chaoborus	Phantom midges	sulkasääski
Chironomus	Midge	surviaissääski
Chironomus plumosus	Midge	isosurviaissääski
Chironomus riparius	Midge	surviaissääski
Claassenia sabulosa	Stonefly	koskikorento
Cloeon	Cloeon	isosilmäsurviaislaji
Coccinella repanda	Ladybird	leppäpirkko
Corixa punctata	European water cricket	pikkumalluainen
Culex	Mosquito fly	sääski
Ephemerella	Mayfly	vesiperhonen
Hexagenia	Mayfly	päiväkorento
Ischnura elegans	Dragonfly	hoikkatyöntkorento
Isoperla	Stonefly	koskikorento
Lestes congener	Dragonfly	keijukorento
Macromia	Dragonfly	kiiltokorento
Musca domestica	Housefly	huonekärpänen
Nemoura	Stonefly	koskikorento
Ophiogomphus rupinsalensis	Dragonfly	jokikorento
Orconectes		
Periplaneta americana	Common cockroach	sokeritorakka
Polypedilum nubifer	Chironomidae-midge	surviaissääski
Pteronarcella	Stonefly	koskikorento
Pteronarcella badia	Stonefly	koskikorento
Pteronarcys	Stonefly	koskikorento
Pteronarcys californica	Stonefly	koskikorento
Ranatra	Water stick-insect	vesilude
Simulium	Fly	mäkärä
Skwala	Stonefly	koskikorento
Stomoxys calcitrans	Stable fly	pistokärpänen
Tanytarsus	Chironominae	surviaissääski

## 4.5 Fishes

<i>Abramis brama</i>	Bream	lahna
<i>Acanthurus</i>	Surgeon fish	välskärrikala
<i>Alburnus alburnus</i>	Bleak	salakka
<i>Aldrichetta forsteri</i>	Yellow-eye mullet	kelttilaji
<i>Anarchichas lupus</i>	Wolf-fish	merikissa
<i>Anchoa mitchilly</i>	Bay anchovy	anjovis
<i>Anguilla anguilla</i>	European eel	ankerias
<i>Anguilla japonica</i>	Japanese eel	japaninankerias
<i>Anguilla rostrata</i>	American eel	amerikanankerias
<i>Anguilla vulgaris</i>	Eel	ankerias
<i>Aplocheilus lineatus</i>	Panchax lineatus	juovasukkulakala
<i>Aspius aspius</i>	Asp	toutain
<i>Barbus conchoni</i> , <i>Puntius conchoni</i>	Barb	loistobarbi
<i>Barbus stigma</i>	Barb	bengalinbarbi
<i>Barbus ticto</i>		
<i>Puntius ticto</i>	Barb	aurinkobarbi
<i>Brachydanio rerio</i>	Zebrafish	seeprakala
<i>Brevoortia patronus</i>	Gulf menhaden	menhaden
<i>Brevoortia tyrannus</i>	Atlantic menhaden	menhaden
<i>Carassius auratus</i>	Goldfish	kultakala
<i>Carassius carassius</i>	Crucian carp	ruutana
<i>Catostomus catostomus</i>	Longnose sucker	imukarppi
<i>Catostomus commersoni</i>	White sucker	valkoimukarppi
<i>Channa punctata</i> ,		
<i>Ophiocephalus</i> <i>punctatus</i>	Snake headfish	pilkkukäärmeen- pääkala
<i>Channa striata</i>	Snake headfish	raitakäärmeenpääkala
<i>Chanos chanos</i>	Milk fish	maitokala
<i>Clarias batrachus</i>	Walking catfish	konnamonni
<i>Clupea harengus</i>	Herring	silli
<i>Clupea harengus</i> <i>harengus</i>	Atlantic herring	silli
<i>Clupea pallasii</i>	Pacific herring	silli
<i>Clupea sprattus</i>	Sprat	kilohaili
<i>Colisa fasciata</i>	Giant gourami	juovarihmakala
<i>Coregonus albula</i>	Vendace	muikku
<i>Coregonus lavaretus</i>	Powan, lavaret	vaellussiika
<i>Ctenopharyngodon</i>	Carp	karppi
<i>Ctenopharyngodon</i> <i>idella</i>	Crass carp, White amur	ruohokarppi
<i>Cyprinodon macularius</i>	Desert pupfish	aavikkohammaskarppi
<i>Cyprinodon variegatus</i>	Sheepshead minnow	loistohammaskarppi
<i>Cyprinus carpio</i>	Common carp	karppi

Engraulis		
engrasicolus	European anchovy	sardelli
Esox lucius	Northern pike	hauki
Eutrhynnus pelamis	Skipjack tuna	boniitti
Fundulus heteroclitus	Mummichog	siniraitahammaskarppi
Gadus morhua	Atlantic cod	turska
Gambusia affinis	Mosquitofish	moskiittokala
Gasterosteus	Three-spined	
aculeatus	stickleback	kolmipiikki
Gobio gobio	Gudgeon	törö
Gobius minutus	Goby	hietatokko
Heteropneustes		
fossilis	Airsac catfish	kuuhkomonni
Hippoglossus		
hippoglossus	Halibut	ruijanpallas
Hypophthalmichthys		
molitrix	Silver carp	hopeakarppi
Hypophthalmichthys		
nobilis	Bighead	”paksuotsa”
Ictalurus melas,		
Ameiurus melas	Black bullhead	piikkimonni
Ictalurus natalis	Yellow bullhead	piikkimonni
Ictalurus nebulosus	Brown bullhead	jokimonni
Ictalurus punctatus,		
Ameiurus nebulosus	Channel catfish	pilkkupiikkimonni
Jordanella floridae	American catfish	floridanhammaskarppi
Kuhlia sandvicensis	Mountain bass	
Labeo	Red tailed	
bicolor	black ”shark”	tulipyrstö
Labeo erythrurus	Redfin shark	punahuulibarbi
Lebistes reticulatus,		
Poecilia reticulata	Guppy	miljoonakala
Lepomis cyanellus	Green sunfish	viheraurinkoahven
Lepomis gibbosus	Pumpkinseed	aurinkoahven
Lepomis humilis	Common sunfish	aurinkoahven
Lepomis macrochirus	Bluegill sunfish	isoaurinkoahven
Lepomis megalotis	Long ear sunfish	korva-aurinkoahven
Lepomis microlophus	Red ear sunfish	aurinkoahven
Leuciscus idus	Ide	säyne
Leuciscus leuciscus	Dace	seipi
Limanda limanda	Common dab	hietakampela
Lota lota	Burbot	made
Lucania parva	Rainwater killifish	
Macropodus	Spike-tailed	
cupanus	paradise fish	pikkuparatiisikala
Macropodus		
opercularis	Paradisefish	isoparatiisikala

<i>Mallotus villosus</i>	Capelin	villakuore
<i>Menidia audens</i>	Atlantic silverside	missisippinhopeakylki
<i>Menidia menidia</i>	Atlantic silverside	sateenkaarikala
<i>Micromesistius</i> poutassou	Blue whiting	mustakitaturska
<i>Micropterus dolomieu</i>	Smallmouth bass	pikkubassi
<i>Micropterus salmoides</i>	Largemouth bass	isobassi
<i>Morone labrox</i>	Sea bass	meribassi
<i>Morone saxatilis</i> , <i>Roccus saxatilis</i>	Striped bass	juovabassi
<i>Mugil cephalus</i>	Striped mullet	juovakeltti
<i>Mulloidichthys</i> spp.	Goatfish	mullo
<i>Mystus bleekeri</i>	Catfish	monni
<i>Mystus vittatus</i>	Striped catfish	kultajuovamonni
<i>Nemacheilus montanus</i>	Hill stream fish	
<i>Notopterus notopterus</i>	Knife fish	harmaateräkala
<i>Oncorhynchus gorbusha</i>	Pink salmon	kyttyrälohi
<i>Oncorhynchus keta</i>	Chum salmon, Dog salmon	koiralohi
<i>Oncorhynchus kisutch</i>	Coho salmon, Silver salmon	hopealohi
<i>Oncorhynchus masu</i>	Masu salmon	masulohi
<i>Oncorhynchus mykiss</i> , <i>Salmo gairdneri</i>	Rainbow trout	kirjolohi
<i>Oncorhynchus nerka</i>	Sockeye salmon, Blueback salmon	punalohi
<i>Oncorhynchus nerka</i> kennerlyi	Kokanee	intiaanilohi
<i>Oncorhynchus</i> tschawytscha	Chinook salmon, King salmon	kuningaslohi
<i>Ophiocephalus punctatus</i> , <i>Channa punctata</i>	Snake headfish	pilkkukäärmeen- pääkala
<i>Ozyrias latipes</i>	Geisha-girl medaka, Rice fish	medaka
<i>Perca flavescens</i>	Yellow perch	kelta-ahven
<i>Perca fluviatilis</i>	Perch	ahven
<i>Petromyzon marinus</i>	Sea lamprey	merinahkiainen
<i>Phoxinus phoxinus</i>	Minnnow	mutu
<i>Pimephales promelas</i>	Fathead minnow	rasvapäämutu
<i>Platichthys flesus</i>	Flounder	kampela
<i>Pleuronectes platessa</i>	Plaice	punakampela
<i>Poecilia latipinna</i> , <i>Mollienesia latipinna</i>	Sailfin molley	leveävämolli
<i>Poecilia reticulata</i> , <i>Lebistes reticulatus</i>	Guppy	miljoonakala
<i>Poeciliopsis</i>	Top minnow	

<i>Pollachius virens</i>	Saithe, Pollack	seiti
<i>Polyodon spatula</i>	Paddlefish	lapasampi
<i>Pomoxis annularis</i>	White crappie	hopea-ahven
<i>Pomoxis nigromaculatus</i>	Black crappie	mustapilkkuahven
<i>Psetta maxima</i> ,		
<i>Scophthalmus maximus</i>	Turbot	piikkikampela
<i>Puntius conchoni</i> ,		
<i>Barbus conchoni</i>	Rosy barb, Red barb	loistobarbi
<i>Puntius gophore</i>	Barb	barbi
<i>Puntius ticto ticto</i> ,	Two spot barb,	
<i>Barbus ticto ticto</i>	Tic-tac-toe barb	aurinkobarbi
<i>Pylodictis olivaris</i>	Flathead catfish	lättäpiikkimonni
<i>Rasbora daniconius</i>	Slender rasbora	sinijuovarasbora
<i>Rasbora heteromorpha</i>	Harlequin fish	kiilakylki
<i>Roccus saxatilis</i> ,		
<i>Morone saxatilis</i>	Striped bass	juovabassi
<i>Rutilus rutilus</i>	Roach	särki
<i>Salmo clarki</i>	Cutthroat trout	punakurkkulohi
<i>Salmo gairdneri</i> ,		
<i>Oncorhynchus mykiss</i>	Rainbow trout	kirjolohi
<i>Salmo salar</i>	Atlantic salmon	lohi
<i>Salmo salar m. sebago</i>	Landlocked salmon	järvilohi
<i>Salmo trutta</i>	Brown trout	taimen
<i>Salmo trutta m. fario</i>	Brown trout,	
	non-migratory	purotaimen
<i>Salmo trutta</i>		
<i>m. lacustris</i>	Brown trout	järvitaimen
<i>Salmo trutta</i>		
<i>m. trutta</i>	Sea trout	meritaimen
<i>Salvelinus alpinus</i>	Arctic char	nieriä
<i>Salvelinus fontinalis</i>	Brook trout	puronieriä
<i>Salvelinus malma</i>	Dolly Warden	härkänieriä
<i>Salvelinus namaycush</i>	Lake trout	harmaanieriä
<i>Sardina pilchardus</i>	European pilchard	sardiini
<i>Sardinops caerulea</i>	Pacific sardine	tyynenmerensardiini
<i>Sardinops</i>		
<i>melanosticta</i>	Japanese pilchard	japaninsardiini
<i>Sardinops sagax</i>	Chilean pilchard	perunsardiini
<i>Sarotheredon aureus</i>	Cichlid	kultatilapia
<i>Sarotheredon galilaeus</i>	Cichlid	galileantilapia
<i>Sarotherodon</i>		
<i>mossambicus</i>	Cichlid	valkoleukatilapia
<i>Scomber japonicus</i>	Chub mackerel	japaninmakrilli
<i>Scomber scombrus</i>	Atlantic mackerel	makrilli
<i>Scophthalmus maximus</i> ,		
<i>Psetta maxima</i>	European turbot	piikkikampela

Scophthalmus rhombus	Turbot	silokampela
Semolitus		
atromaculatus	Creek chub	särkikala
Seriola lalandei	Yellowtail	piikkimakrilli
Silurus glanis	Sheatfish	monni
Solea solea	Common sole, Dover sole	kielikampela
Stizostedion		
luciperca	Pikeperch, Sander	kuha
Stizostedion vitreum	Walleye	valkosilmäkuha
Stolephorus purpureus	Anchovy	
Thalassoma bifasciatum	Bluehead	sinipäähuulikala
Theragra		
chalcogramma	Alaska pollack	mintai
Thunnus albacares	Yellowfin tuna	kultaevätonnikala
Thymallus arcticus	Arctic grayling	pohjanharjus
Thymallus thymallus	European grayling	harjus
Tilapia rendalli	Cichlid	tilapia
Tinca tinca	Tench	suutari
Trachurus capensis	Cape horse mackerel	piikkimakrilli
Trachurus murphyi	Chilean jack mackerel	piikkimakrilli
Trichiurus lepturus	Largehead hairtail	huotrakala
Trichogaster	Tree spot gourami,	
trichopterus	Blue gourami	rihmakala
Umbra pygmaea	Mud minnow	pikkukoirakala

#### 4.6 Mollusca

Anodonta cygnea	Freshwater clam	iso järvisimpukka
Biomphalaria glabrata	Gastropoda	
Crassostera gigas	Pacific oyster	osteri
Crassostrea virginica	Eastern oyster	osteri
Indonaia caeruleus	Freshwater mussel	
Lymnaea	Water snail	limakotilo
Lymnaea luteola	Snail	etana
Lymnaea stagnalis	Water snail	piippolimakotilo
Mercenaria mercenaria	Hard clam	kotilo
Mya arenaria	Soft shell clam	hietasimpukka
Mytilus edulis	Bay mussel	sinisimpukka
Ostrea angasi	Flat oyster	osteri
Protothaca staminea	Little neck clam	simpukka
Saccostrea		
commercialis	Sydney rock oyster	osteri
Siliqua patula	Razor clam	simpukka
Sphaerium corneum	Freshwater mussel	simpukka
Spirula solidissima	Surf clam	simpukka



Tivela stultorum	Pismo clam	simpukka
Volsella demissa	Atlantic ribbed mussel	simpukka

## 4.7 Crustaceans

Acartia	Copepod	hankajalkainen
Acartia tonsa	Copepod	hankajalkainen
Artemia salina	Brine shrimp	suolalehtijalkainen
Asellus	Sowbug	vesisiira
Asellus aquaticus	Water slater	vesisiira
Asellus brevicaudus	Sowbug	vesisiira
Baratelphusa cunicularis	Freshwater crab	
Calanoida	Oar-footed crustaceans	hankajalkaiset
Callinectes sapidus	Blue crab	rapu
Ceriodaphnia dubia	Water flea	vesikirppu
Cladocera	Water fleas	vesikirput
Copepoda	Oar-footed crustaceans	hankajalkaiset
Crago franciscorum	Bay shrimp	katka
Crangon crangon	Brown shrimp	katka
Crangon septemspinosa	Sand shrimp	katka
Crangon spp.	Snapping shrimp	katka
Cyclopoida	Oar-footed crustaceans	hankajalkaiset
Cypridopsis	Seed shrimp	raakkuäyriäinen
Cypridopsis vidua	Seed shrimp	raakkuäyriäinen
Cypris sublobosa	Ostracod	raakkuäyriäinen
Daphnia	Water flea	vesikirppu
Daphnia cucullata	Water flea	vesikirppu
Daphnia laevis	Water flea	vesikirppu
Daphnia longispina	Water flea	vesikirppu
Daphnia magna	Water flea	vesikirppu
Daphnia pulex	Water flea	vesikirppu
Gammarus	Scud	katka
Gammarus fasciatus	Scud	katka
Gammarus lacustris	Scud	katka
Gammarus pseudolimnesus	Scud	katka
Gammarus pulex	Scud	katka
Homarus americanus	Northern lobster	hummeri
Hyaella	Shrimp	katka
Hyaella aztera	Shrimp	katka
Macrobrachium carcinus	Shrimp	katka
Macrobrachium lamarrei	Shrimp	katka
Metapenaeus monoceros	Greasyback shrimp	katka
Mysidopsis	Mysid shrimp	halkoisjalkainen
Mysidopsis bahia	Mysid shrimp	halkoisjalkainen

Nictora	Copepod	hankajalkaisäyriäinen
Nictora spinipes	Copepod	hankajalkaisäyriäinen
Orconectes immunis	Crayfish	rapu
Orconectes nais	Crayfish	rapu
Ostracoda	Shrimp	raakkuäyriäinen
Palaemonetes		
kadiakensis	Shrimp	katkarapu
Palaemonetes pugio	Grass shrimp	katkarapu
Palaemonon		
macrodactylus	Glass shrimp	katkarapu
Pandalus spp.	Shrimp	katkarapu
Panuliris argus	Spiny lobster	hummeri
Panulirus japonicus	Lobster	hummeri
Panulirus pencillatus	Lobster	hummeri
Paralithoides		
camschatica	King crab	taskurapu
Penaeus aztecus	Brown shrimp	katka
Penaeus duodarum	Pink shrimp	katka
Penaeus setiferus	White shrimp	katka
Podiphthalmus vigil	Crab	taskurapu
Portunus		
sanquinolentus	Crab	taskurapu
Proasellus coxalis	Crustacea, Isopoda	
Procambarus clarcii	Crayfish	rapu
Pseudocalanus minutus	Copepod	hankajalkainen
Ranina serrata	Crab	taskurapu
Simocephalus	Water flea	vesikirppu
Simocephalus		
serrulatus	Water flea	vesikirppu

#### **4.8 Algae**

Anabaena flos-aquae	Blue-green algae	sinibakteeri
Ankistrodesmus		
falcatus	Green algae	viherlevä
Asterionella	Diatom	piilevä
Chlamydomonas	Green algae	viherlevä
Chlorella	Green algae	viherlevä
Chlorella fusca	Green algae	viherlevä
Chlorella pyrenoidosa	Green algae	viherlevä
Chlorococcum	Green algae	viherlevä
Cyclotella	Diatom	piilevä
Cylindrotheca closterium	Diatom	piilevä
Dunaliella	Green algae	viherlevä
Dunaliella euchlora	Green algae	viherlevä
Euglena gracilis	Flagellate	silmälevä

Gymnodinium	Dinoflagellate	keltaruskolevä
Gymnodium breve	Dinoflagellate	keltaruskolevä
Isochrysis galbana	Chrysophyta	kultalevä
Microcystis	Blue-green algae	sinibakteeri
Microcystis aeruginosa	Blue-green algae	sinibakteeri
Monoraphidium	Green algae	viherlevä
Navicula	Diatom	piilevä
Oedogonium	Green algae	viherlevä
Oscillatoria	Blue-green algae	sinibakteeri
Phaeodactylum	Diatom	piilevä
Phaeodactylum tricornutum	Diatom	piilevä
Porphyra spp.	Red algae	punalevä
Poteriochromonas malhamensis	Chrysophyta	kultalevä
Protococcus	Green algae	viherlevä
Scenedesmus	Green algae	viherlevä
Scenedesmus pannonicus	Green algae	viherlevä
Scenedesmus quadricauda	Green algae	viherlevä
Selenastrum	Green algae	viherlevä
Selenastrum capricornutum	Green algae	viherlevä
Skeletonema	Diatom	piilevä
Skeletonema costatum	Diatom	piilevä
Thalassiosira pseudonana	Diatom	piilevä

#### 4.9 Others

Aerobacter	Bacterium	bakteeri
Ambystoma mexicanum	Mexican axolotl	aksolotli
Annelida	Segmented worms	nivelmato
Anthopleura elegantissima	Sea anemone	merivuokko
Aplexa	Snail	etana
Aplexa hypnorum	Snail	etana
Aschelminthes	Round worms	lieriömadot
Bacillus subtilis	Bacterium	bakteeri
Bufo americanus	American toad	konna
Bufo bufo	Common toad	rupikonna
Bufo fowleri	Fowler's toad	konna
Chilomonas paramecium	Protozoa, Flagellate	alkueläin, siimael.
Colpidium	Protozoa	alkueläin
Dugesia	Flat worm	laakamoto
Elaphe situla	Snake	leopardikäärme

Elaphe sp.	Rat snake	pensaskäärme
Entosiphon	Protozoa	alkueläin
Entosiphon sulcatum	Protozoa, Flagellate	alkueläin, siimael.
Ephydatia fluviatilis	Spongillidae (Porifera)	sienieläin
Escherichia coli	Bacterium	bakteeri
Erpobdella oocroculata	Eight-eyed leech	koirajuotikas
Etheostoma flabellare	Fantail	vilistäjä
Etheostoma nigrum	Johnny	vilistäjä
Glycera dibranchiata	Bloodworm	
Helisoma	Snail	etana
Hydra oligactis	Hydroid	polyyyppi
Lumbricus terrestris	Common earthworm	kastemato
Lymnaea stagnalis	Great pond snail	piippolimakotilo
Microcystis aeruginosa	Bacterium	bakteeri
Nereis diversicolor	Sand worm	monisukamato
Nereis virens	Sand worm	monisukamato
Nereis vexillosa	Sand worm	monisukamato
Nitrosomonas	Bacterium	bakteeri
Phagocata gracilis	Planarian	laakamato
Physa	Snail	etana
Prodenia eridania	Southern armyworm	
Pseudomonas fluorescens	Bacterium	bakteeri
Pseudomonas putida	Bacterium	bakteeri
Rana catesbeiana	Bullfrog	härkäsammakko
Rana clamitans	Green frog	sammakko
Rana palustris	Pickerel frog	sammakko
Rana pipiens	Leopard frog	sammakko
Rana sp.	Frog	sammakko
Rana sylvatica	Woodfrog	sammakko
Rana temporaria	Common frog	tavallinen sammakko
Salmonella	Bacterium	bakteeri
Salmonella typhimurium	Bacterium	bakteeri
Streptomyces aureus	Bacterium	bakteeri
Tetrahymena	Protozoa, Ciliata	alkueläin, ripsieläin
Thamnophis sirtalis	Garter snake	sukkanauhakäärme
Uronema parduczi	Protozoa, Ciliata	alkueläin, ripsieläin
Xenopus laevis	Clawed frog	kynsisammakko

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## ***Index I: List of chemicals in alphabetical order***

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Benzoic acid, ethyl ester	1000	BGE	392
Benzoic acid, methyl ester	1322	BHC	1129
Benzoic acid, phenyl ester	1605	BHC	1252
Benzoic trichloride	260	$\gamma$ -BHC	1252
Benzoin	255	p, p'-Bianiline	243
Benzoine	255	Bianisidine	889
Benzol	238	Bibenzyl	275
Benzonitrile	256	Bicyclo(2.2.1)hepta-2,5-diene	276
1,12-Benzoperylene	251	Bicyclopentadiene	806
1,2-Benzophenanthrene	559	Biethylene	348
Benzophenone	257	Bifenox	277
1,2-Benzopyrene	250	Binapacryl	278

Bioresmethrin *	279	2',2'-Bis(methacryloyloxymethyl)butyl	
Biphenyl	280	methacrylate	300
2-Biphenyl amine	281	Bis(N-cyclohexyl diazenium dioxy)-	
2,2'-Biphenyl dicarboxylic acid	282	copper	301
o-Biphenylenemethane	1069	Bis-(O-(1-methyl-thioethylimino)-N-	
2,2'-Bipyridine	283	methylcarbamic acid)-N,N'-sulfide	1238
Bis(1,4-bromoacetoxy)-2-butene	1762	N,N-Bis(octylphenyl) amine	302
Bis(2-(2-butoxy ethoxy)ethyl) adipate	284	2,2-Bis(p-chlorophenyl)-1,1-	
Bis(2,3,5-trichloro-6-		dichloroethane	634
hydroxyphenyl)methane	285	1,1-Bis(p-chlorophenyl)-2,2,2-	
N,N-Bis(2,3-epoxypropyl)aniline	286	trichloroethanol	712
Bis(2,4-dichlorobenzoyl) peroxide	287	Bis(phenoxyarsinyl)oxide	303
N,N'-Bis(2-aminoethyl)ethylene		1,2-Bis(stearoylamino)ethane	304
diamine	288	1,1-Bis(tert-butylidioxo)-3,3,5-	
Bis(2-chloroethyl)ether	289	trimethyl cyclohexane	305
Bis(2-ethylhexyl)hydrogen phosphate	1006	Bis(tributyloxide) of tin	1924
Bis(2-ethylhexyl)phthalate	832	Bis(tributylstannyl)oxide	1924
Bis(2-hydroxyethyl)amine	810	Bis(tributyltin)oxide	1924
Bis(2-hydroxyethyl)ether	825	Bis(tri-n-butyltin)dibromosuccinate	306
Bis(2-hydroxypropyl)amine	849	Bis-2-chloro-1-methylethylether	307
2,2-Bis(3,5-Dibromo-4-(2-hydroxy		Bisidin	308
ethoxy) phenyl)propane	290	Bismethomyl thioester	1238
Bis(3-hydroxypropyl)ether	945	Bisulfite	1821
1,1-Bis(4-chlorophenyl)-2,2,2-trichloro-		Bivinyll	348
ethanol	712	Black leaf forty	1464
2,2-Bis(4-hydroxy-3,5-		Black oxide of iron	1196
dibromophenyl)propane	291	Bladex	592
2,2-Bis(4-hydroxyphenyl) propane	292	Blasticidin-S	309
Bis( $\alpha,\alpha$ -dimethylbenzyl)peroxide	299	Boric acid	310
Bis(aminoethyl) amine	293	Boric anhydride	312
1,3-Bis(aminomethyl) benzene	294	Boron and boron compounds	311
Bis( $\beta$ -chloroethyl) ether	289	Boron oxide	312
1,4-Bis(benzoyloxyimino)-2,5-		Boron trioxide	312
cyclohexadiene	295	BPMC	396
Bis(chloromethyl)naphthalene	296	Branched sodium alkyl	
Bis(cyanoethyl)amine	297	benzenesulfonate; * C10 ~ C15	313
4,4'-Bis(dimethylamino)benzophenone	298	Brodan	811
Bis(dimethyldithiocarbamate)zinc	2063	Bromacil	314
Bis(dimethylthiocarbamoyl)disulfide	1885	Bromine chloride	320
2,2-Bis(hydroxymethyl)-1,3-		4-Bromo-2,5-dichlorophenol	315
propanediol	1576	O-(4-Bromo-2,5-dichlorophenyl)-	
2,4-Bis(isopropylamino)-6-		O-methylphenylphosphonothioate	1250
(methylthio)-s-triazine	1695	1-Bromo-3-chloropropane	465
2,4-Bis(isopropylamino)-6-methoxy-s-		5-Bromo-3-sec-butyl-6-methyluracil	314
triazine	1694		

2-Bromo-4-nitrophenol	316	1,3-Butadiene	348
5-Bromo-6-methyl-3-(1-methylpropyl)uracil	314	Butan-1-ol	351
4-Bromoacetanilide	317	Butan-2-ol	352
4-Bromoaniline	318	Butan-2-one	354
p-Bromoaniline	318	1-Butanal	375
Bromobenzene	319	Butanamide	401
4-Bromobenzeneamine	318	2-Butanamine	377
Bromochloride	320	n-Butane	349
Bromochloromethane	321	Butanecarboxylic acid	2033
Bromocyanide	322	1-Butanecarboxylic acid	2033
Bromocyclohexane	323	1,4-Butanedicarboxylic acid	42
Bromodichloromethane	324	1,4-Butanediol	350
Bromoethane	325	Butanenitrile	405
Bromoform	326	Butanethiol	393
Bromomethane	1373	n-Butanoic acid	403
4-Bromonitrobenzene	327	Butanoic acid, 3-oxo, ethyl ester	1011
o-Bromonitrobenzene	328	1-Butanol	351
2-Bromophenol	329	2-Butanol	352
3-Bromophenol	330	n-Butanol	351
4-Bromophenol	331	sec-Butanol	352
m-Bromophenol	330	t-Butanol	353
o-Bromophenol	329	tert-Butanol	353
p-Bromophenol	331	1-Butanol, 3-methoxy-, acetate	1307
Bromophenoxim	332	Butanol-1	351
4-Bromophenylphenylether	333	2-Butanone	354
Bromophos	334	2-Butanone oxime	355
Bromophos-ethyl	335	2-Butenal	587
3-Bromopropene	66	2-Butenal (E)	587
3-Bromopropyl chloride	465	2-Butenal (trans)	587
Bromosol	1373	Butenal-2	587
$\beta$ -Bromostyrene	336	1-Butene	356
Bromoxynil	337	cis-2-Butene	357
Bromoxynil octanoate	338	trans-2-Butene	358
Brozone	1373	2-Butenedioic acid (E)-, bis (2-ethylhexyl) ester	657
Brucine	339	Butenedioic acid, mono(2,2-dimethyl-hydraxide)	1417
Busan 25 *	340	cis-Butenedioic anhydride	1263
Busan 70 *	341	3-Butenenitrile	68
Busan 72 *	342	3-Butenoic acid	359
Busan 76 *	343	$\beta$ -Butenoic acid	359
Busan 77 *	344	Butifos	1901
Busan 881 *	345	Butiphos	1901
Busan 90 *	346	3-Butoxy-1,2-epoxypropane	392
Butachlor	347		

1-Butoxy-2,3-epoxypropane	392	p-t-Butyl- $\alpha$ -methylhydro cinnamic acid	367
1-Butoxy-2-propanol	360	p-t-Butyl- $\alpha$ -methylhydro cinnamic	
1-n-Butoxy-3-oxabutan-5-ol	826	aldehyde	1346
1-Butoxybutane	390	Butylamine	376
Butoxycarboxim	361	Butylamine	378
2-Butoxyethanol	362	n-Butylamine	376
2-n-Butoxyethanol	362	sec-Butylamine	377
(Butoxymethyl)oxirane	392	tert-Butylamine	378
1-Butyl acetate	372	t-Butylamine borane	379
Butyl acetoacetate	363	2-(tert-Butylamino)-4-(ethylamino)-6-	
sec-Butyl acetoacetate	364	(methylthio)-s-triazine	1829
Butyl alcohol	351	2-(tert-Butylamino)-4-(ethylamino)-6-	
sec-Butyl alcohol	352	methoxy-s-triazine	1109
tert-Butyl alcohol	353	4-tert-Butylamino-2-chloro-6-	
p-tert-Butyl benzoic acid	383	ethylamino-s-triazine	1830
Butyl benzyl phthalate	365	2-tert-Butylamino-4-chloro-6-	
Butyl dichlorophenoxyacetate	628	ethylamino-s-triazine	1830
tert-Butyl methacrylate	366	n-Butylbenzene	380
Butyl methyl ketone	1155	sec-Butylbenzene	381
4-tert-Butyl-1,2-dihydroxybenzene	386	tert-Butylbenzene	382
Butyl-2,3-epoxypropylether	392	p-tert-Butylbenzoic acid	383
N-Butyl-2,6-dinitro-N-ethyl-4-		Butylbutyrate	384
trifluoromethylaniline	371	tert-Butylcarbamic acid ester with	
2-tert-Butyl-4-(2,4-dichloro-5-isoprop-		3(m-hydroxyphenyl)-1,1-dimethylurea	1231
oxyphenyl)-1,3,4-oxadiazolin-5-one	1546	Butylcarbitolacetate	385
2-sec-Butyl-4,6-dinitrophenol	368	p-tert-Butylcatechol	386
2(2-Butyl-4,6-dinitrophenyl)-3,3-		Butylcellosolve	362
dimethylacrylate	278	Butylcellosolveacetate	387
2-sec-Butyl-4,6-dinitrophenyl-3-		n-Butylchloride	388
methyl-2-butenolate	278	Butyldigolacetate	385
2-tert-Butyl-4,6-dinitrophenylacetate	369	$\alpha$ -Butylene	356
2,6-tert-Butyl-4-cresol	370	$\beta$ -Butylene	358
N-tert-Butyl-6-chloro-N'-ethyl-1,3,5-		2-Butylene dichloride	717
triazine-2,4-diamine	1830	Butylene hydrate	352
Butylacetate	372	1,2-Butyleneoxide	389
n-Butylacetate	372	Butylethanate	372
tert-Butylacetate	373	n-Butylether	390
Butylacetic acid	421	n-Butylformate	391
n-Butylacrylate	374	Butylglycidylether	392
2-Butylalcohol	352	n-Butylglycidylether	392
n-Butylalcohol	351	Butylglycol	362
tert-Butylalcohol	353	Butylglycolether	362
1-Butyl-alcohol	351	n-Butylmercaptan	393
Butylaldehyde	375		

N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzamine	371	Calcium(II) nitrate	416
N-Butyl-N-ethyl-2,6-dinitro-4-trifluoromethylaniline	371	2-Camphanone	418
N-tert-Butyl-N-ethyl-6-methylthio-1,3,5-triazine-2,4-diyl diamine	1829	Camphechlor	1897
N-Butyl-N-ethyl- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro-p-toluidine	371	Camphene	417
Butylphen	394	Camphor	418
4-tert-Butylphenol	394	Capacitor 21	419
p-sec-Butylphenol	1399	n-Capric acid	420
p-tert-Butylphenol	394	Caproic acid	421
2-(p-Butylphenox)isopropyl-2-chloroethylsulfite	171	n-Caproic acid	421
p-sec-Butylphenyl-2,3-epoxypropylether	395	Caprolactam	422
o-sec-Butylphenyl-N-methylcarbamate	396	$\epsilon$ -Caprolactam	422
n-Butylphosphoric acid	397	Capronic acid	421
4-tert-Butylpyrocatechol	386	Caprylic acid	423
n-Butylsulfide	398	Captan	424
Butylthiobutane	398	Carbamic acid, ethylenebis-(dithio-, manganese zinc complex)	1266
p-tert-Butyltoluene	399	Carbamine	425
2-Butyne-1,4-diol	400	Carbanolate	51
1,4-Butynediol	400	Carbaryl	425
2-Butynediol	400	Carbax	712
Butyraldehyde	375	Carbazole	426
Butyramide	401	Carbazotic acid	1645
Butyranilide	402	Carbendazim	427
n-Butyric acid	403	Carbetamex	428
Butyric alcohol	351	Carbetamide	428
Butyric aldehyde	375	Carbofuran	429
Butyric amide	401	Carbolic acid	1602
$\gamma$ -Butyrolactone	404	Carbon chloride	432
Butyronitrile	405	Carbon dioxide	430
Cacodylic acid	406	Carbon disulfide	431
Cadmium and cadmium compounds	407	Carbon sulfide	431
Cadmium chloride	408	Carbonbisulfide	431
Cadmium dinitrate	410	Carbondisulfide	431
Cadmium nitrate	410	Carbonic acid gas	430
Cadmium sulfate	411	Carbonic acid, dipotassium salt	1680
Cadmium(II)oxide	409	Carbonic acid, disodium salt	1772
Caffeine	412	Carbonic acid, zinc salt	2062
Calcium and calcium compounds	413	Carbonic anhydride	430
Calcium chloride	414	Carbonoxysulfide	433
Calcium di-trichloroacetate	415	Carbontetrachloride	432
		Carbonylsulfide	433
		Carbophenothion	434
		Carboxin	435
		3-Carboxyaniline	114

4-Carboxyaniline	116	4-Chloro-1-hydroxy-3-methylbenzene	467
Cartap	436	2-Chloro-1-methylbenzene	542
Casoron	709	4-Chloro-1-nitro-2-(trifluoromethyl) benzene	454
Catechin	437	2-Chloro-1-nitrobenzene	519
Catechol	437	1-Chloro-1-nitropropane	455
Caustic potash	1686	3-Chloro-1-propanol	456
Caustic soda	1783	3-Chloro-1-propene	67
CCC	449	3-Chloro-1-propylene	67
CCS 301	352	1-Chloro-2-(1,2-epoxyethyl)-benzene	457
CDT	600	1-Chloro-2-(1,2-ethane-diol)-benzene	458
Cetylpyridiniumbromide	1139	5-Chloro-2-(2,4-dichlorophenoxy) phenol	459
Cetyltrimethylammoniumbromide	1140	1-Chloro-2-( $\beta$ -chloroethoxy)ethane	289
Cetyltrimethylammoniumchloride	1141	1-Chloro-2,3-epoxypropane	986
Chandor *	438	1-Chloro-2,4-dinitrobenzene	460
Chinomethionat	439	5-Chloro-2-aminotoluene	462
Chinomethionate	439	5-Chloro-2'-chloro-4'-nitrosalicylanilide	223
Chloramine	440	4-Chloro-2-cresol	476
Chloramphenicol	517	1-Chloro-2-hydroxybenzene	524
Chlorbenzene	488	5-Chloro-2-methyl-4-isotiazoline-3-one	461
Chlordane	441	4-Chloro-2-methylaniline	462
Chlordecone	1233	4-Chloro-2-methylbenzeneamine	462
Chlordene	442	4-Chloro-2-methylphenol	476
Chlordimeform	547	N'-(4-Chloro-2-methylphenyl)-N,N-dimethylmethanimidamide	547
Chlorex	289	N'-(4-Chloro-o-tolyl)-N,N-dimethylformamidine	547
Chlorfenamide	547	4-Chloro-2-nitroaniline	463
Chlorfenidim	568	1-Chloro-2-nitrobenzene	519
Chlorfensol	443	5-Chloro-2-nitrotoluene	464
Chlorfenvinphos	444	6-Chloro-2-nitrotoluene	473
Chlorinated paraffines	445	4-Chloro-2-toluidine	462
Chlorinated paraffins (C = 20-22)	446	2-Chloro-3(4-chlorophenyl)-methylpropionate	308
Chlorine	447	1-Chloro-3-bromopropane	465
Chlormephos	448	4-Chloro-3-cresol	467
Chlormequat	449	6-Chloro-3-cresol	466
Chlornitrofen	521	1-Chloro-3-hydroxybenzene	525
Chlornitrophen	521	4-Chloro-3-hydroxytoluene	467
Chloro(2-methoxyethyl)mercury	450	6-Chloro-3-hydroxytoluene	467
2-Chloro-1-(2,4,5-trichlorophenyl) vinyl dimethylphosphate	452	4-Chloro-3-methylphenol	467
2-Chloro-1-(2,4-dichlorophenyl)-vinyl diethylphosphate	444	1-Chloro-3-nitrobenzene	468
3-Chloro-1,2-dibromopropane	691	2-Chloro-4-(1-cyano-1-methylethylamino)-6-ethylamino-1,3,5-triazine	592
3-Chloro-1,2-propanediol	453		
3-Chloro-1,2-propylene glycol	453		
2-Chloro-1,3-butadiene	537		

2-Chloro-4,6-bis(ethylamino)-s-triazine	1761	p-Chlorobenzenesulfonic acid	490
1-Chloro-4-benzenesulfonamide	489	4-Chlorobenzhydrol	491
2-Chloro-4-ethylamino-6-isopropylamino-s-triazine	182	4-Chlorobenzhydryl chloride	492
1-Chloro-4-fluorobenzene	469	2-Chlorobenzoic acid	493
1-Chloro-4-hydroxybenzene	526	3-Chlorobenzoic acid	494
1-Chloro-4-iodobenzene	470	4-Chlorobenzoic acid	495
3-(3-Chloro-4-methoxyphenyl)-1,1-dimethylurea	1410	m-Chlorobenzoic acid	494
N-(3-Chloro-4-methoxyphenyl)-N', N'-dimethylurea	1410	o-Chlorobenzoic acid	493
3-Chloro-4-methyl-7-courmarinyl diethylphosphorotationate	569	p-Chlorobenzoic acid	495
2-Chloro-4-nitrotoluene	471	4-Chlorobenzophenone	496
2-((4-Chloro-6-(ethylamino)-s-triazin-2-yl)amino)-2-methyl-propionitrile	592	4-Chlorobenzylamine	498
2-Chloro-6-(trichloromethyl)-pyridine	472	4-Chlorobenzylchloride	499
4-Chloro-6-methylaniline	462	4-Chlorobenzoylchloride	500
4-Chloro-6-methylphenol	476	o-Chlorobenzylidene malononitrile	501
2-Chloro-6-nitrotoluene	473	p-Chlorobenzyl-pseudothiuroniumchloride	497
2-Chloro- $\alpha$ -(((diethoxyphosphinothioyl)-oxy)imino) benzeneacetonitrile	548	2-Chlorobiphenyl	502
4-Chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -(trichloromethyl)benzenemethanol	712	3-Chlorobiphenyl	503
4-Chloro- $\alpha, \alpha, \alpha$ -trifluorotoluene	451	4-Chlorobiphenyl	504
3-Chloroacetanilide	477	1-Chlorobutane	388
Chloroacetic acid	478	p-Chlorocresol	467
Chloroacetone	479	Chlorocyclohexane	505
$\alpha$ -Chloroacetophenone	480	Chloroden	736
Chloroallylene	67	1-Chloro-diethylcarbamoyl-1-propen-2-yl dimethyl phosphate	474
2-Chloroaniline	481	Chlorodifluoromethane	506
3-Chloroaniline	482	Chlorodiphenyl methane	507
4-Chloroaniline	483	Chloroethane	508
m-Chloroaniline	482	2-Chloroethanol	509
o-Chloroaniline	481	Chloroethene	2044
p-Chloroaniline	483	2-Chloroethyl vinyl ether	510
4-Chloroanisole	484	(2-Chloroethyl) trimethyl-ammonium chloride	449
1-Chloroanthraquinone	485	$\beta$ -Chloroethylalcohol	509
2-Chloroanthraquinone	486	2-Chloroethylbenzhydryl ether	511
Chloroben	736	Chloroethylene	2044
2-Chlorobenzaldehyde	487	Chloroethylether	289
o-Chlorobenzaldehyde	487	Chloroform	512
Chlorobenzene	488	$\alpha$ -Chlorofumaric acid diethyl ester	513
4-Chlorobenzenesulfonamide	489	1-Chloroheptane	514
		Chlorohexidine	515
		6-Chloro-m-cresol	466
		p-Chloro-m-cresol	467
		Chloromethane	1375

Chloromethoxymethane	516	3-(4-Chlorophenyl)-1-methoxy-1-methylurea	1429
Chloromethyl methyl ether	516	1-(p-Chlorophenyl)-3-(2,6-difluorobenzoyl)urea	529
Chloromethylaniline	462	(4-Chlorophenyl)acetic acid	530
Chloromethylether	516	N-(((4-Chlorophenyl)amino)carbonyl)-2,6-difluorobenzamide	529
S-Chloromethyl-O,O-diethylphosphorothiolothionate	448	(o-Chlorophenyl)glyoxylonitrile-oxime-O,O-diethylphosphorothioate	548
Chloro-m-nitrobenzene	468	N'(4-Chlorophenyl)-N,N-dimethylurea	568
Chloromycetin	517	1-(p-Chlorophenyl)silatrane	532
2-Chloro-N-(4,6-dichloro-1,3,5-triazin-2-yl)aniline	152	4-Chlorophenyl-3'-iodidepropargyl-formal	533
2-Chloro-N,N-diethyl-3-hydroxycrotonamide, dimethyl phosphate	474	4-Chlorophenyl-4-chlorobenzene-sulfonate	443
1-Chloronaphthalene	518	2-Chlorophenylamine	481
2'-Chloro-N-isopropylacetanilide	1696	3-Chlorophenylamine	482
2-Chloronitrobenzene	519	4-Chlorophenylamine	483
3-Chloronitrobenzene	468	4-Chlorophenylphenyl sulfone	534
4-Chloronitrobenzene	520	S-((p-Chlorophenylthio)methyl)-O,O-diethylphosphorodithioate	434
m-Chloronitrobenzene	468	S-(4-Chlorophenylthiomethyl)-diethylphosphorothiolothionate	434
o-Chloronitrobenzene	519	S-(4-Chlorophenylthiomethyl)-O,O-diethylphosphorodithioate	434
p-Chloronitrobenzene	520	4-Chlorophenylurea	535
Chloronitrophenene	521	Chlorophos	1959
Chloro-n-paraffin (C=8-22)	475	Chloropicolinic acid	536
4-Chloro-o-cresol	476	6-Chloropicolinic acid	536
1-Chlorooctane	522	Chloroprene	537
Chloro-o-nitrobenzene	519	$\beta$ -Chloroprene	537
4-Chloro-o-toluidine	462	3-Chloropropyl bromide	465
4-(4-Chloro-o-tolyloxy)butyric acid	1275	2-Chloropyridine	538
1-Chloropentane	151	3-Chloropyridine	539
Chlorophacinone	523	4-Chloropyridine HCl	540
Chlorophenamidine	547	Chlorosulfane	1820
2-Chlorophenol	524	Chlorothalonil	541
3-Chlorophenol	525	2-Chlorotoluene	542
4-Chlorophenol	526	3-Chlorotoluene	543
m-Chlorophenol	525	4-Chlorotoluene	544
o-Chlorophenol	524	$\alpha$ -Chlorotoluene	270
p-Chlorophenol	526	o-Chlorotoluene	542
3-(p-(p-Chlorophenoxy)phenyl)-1,1-dimethylurea	546	p-Chlorotoluene	544
4-Chlorophenoxyacetic acid	527	Chlorotributylstannane	1918
10-Chlorophenoxyarsine	528		
4-Chlorophenyl acetic acid	530		
4-Chlorophenyl isocyanate	531		
3-(4-Chlorophenyl)-1,1-dimethylurea	568		
3-(p-Chlorophenyl)-1,1-dimethylurea	568		



Chlorotriphenylmethane	545	Clopyralid	781
Chlorotriphenylstannane	2009	Clorex	289
Chloroxuron	546	CMME	516
Chlorphenamidine	547	CMU	568
Chlorphoxim	548	Coal naphta	238
Chlorpropham	549	Cobalt and cobalt compounds	570
Chlorpyrifos	811	Cobalt chloride	571
Chlorsulfuron	550	Colamine	120
Chlorthaldimethyl	632	Consin	572
Chlorthalmethyl	632	Copper (II) nitrate	578
Chlorthiamid	551	Copper acetate	573
Chlorthion	552	Copper and copper compounds	574
Chlortoluron	553	Copper dinitrate	578
Chromic acid	558	Copper nitrate	578
Chromic acid, disodium salt	1776	Copper sulfate	579
Chromic anhydride	558	Copper(2)nitrate	578
Chromic trioxide	558	Copper(I) chloride	575
Chromic(VI) acid	558	Copper(II) chloride	576
Chromium (VI) oxide	558	Copper(II)hydroxide carbonate	577
Chromium and chromium compounds	555	Copper, (29H,31H-phthalocyaninato	
Chromium chloride	556	(2-)-N 29, N 30, N 31, N 32)- (SP-4-1)-	1646
Chromium oxide	558	Copper, bis(N-hydroxy-N-	
Chromium trioxide	558	nitrosocyclohexanaminato-O, O')-	301
Chromium(3+) compounds	554	Copper-HDO	301
Chromium(VI) compounds	557	Co-ral *	569
Chromium(VI) oxide	558	Corexit 7664	580
Chrysene	559	Coumaphos	569
$\alpha$ -Chrysidine	235	Coumaphos	581
Cidemul	868	o-Coumaric acid lactone	247
Cidial	868	Coumarin	247
Cinnamaldehyde	560	Coumarinic lactone	247
Cinnamene	1815	Coumarone	253
Cinnamic acid	561	CP, polychlorinated alkanes, PCA	445
Cinnamic alcohol	562	4-CPA	527
Cinnamic aldehyde	560	Creosote	582
Cinnamol	1815	Cresol	583
Cinnamyl alcohol	562	2-Cresol	585
Cinnamyl aldehyde	560	3-Cresol	584
Cinnamyllic acid	561	m-Cresol	584
Ciodrin	563	m-Cresol, O,O-Dimethyl O-(4-	
Citral	564	(methylthio)-m-tolyl)phosphorothioate	1058
Citrazinic acid	565	o-Cresol	585
Citric acid	566	p-Cresol	586
CL 38906	567	Cresorcinol diisocyanate	1892

o-Cresylic acid	585	Cyclohexanoneisooxime	422
Crotonaldehyde	587	Cyclohexatriene	238
Crotonic aldehyde	587	Cyclohexene	609
Crotoxyphos	563	4-Cyclohexene-1,2-dicarboxylic acid	610
Cryolite	588	1-Cyclohexene-1-carboxylic acid,4-	
Crystolcarbonate	1772	(1,5-dimethyl-3-oxo-4-hexenyl)-,	
Cumarin	247	methyl ester (8CI)	650
Cumene	1221	2-(1-Cyclohexene-1-yl)-1-cyclohexanone	611
o-Cumenyl methylcarbamate	589	2-(1'-Cyclohexenyl)cyclohexanone	611
Cupric nitrate	578	Cycloheximide	612
Cutrin	590	Cyclohexyl amine	613
Cyanatryn	591	3-Cyclohexyl-1,5,6,7-tetrahydrocyclo-	
Cyanazine	592	pentapyrimidine-2,4-(3H)-dione	1249
Cyanide	593	3-Cyclohexyl-5,6-trimethyleneuracil	1249
Cyano-(3-phenoxyphenyl)methyl-4-		3-Cyclohexyl-6,7-dihydro-1H-cyclo-	
chloro- $\alpha$ -(1-methylethyl)-		pentapyrimidine-2,4(3H,5H)-dione	1249
benzeneacetate	1061	Cyclohexylacetate	616
4-Cyano-2,6-diiodophenol	1194	Cyclohexylalcohol	606
(S)- $\alpha$ -Cyano-3-phenoxybenzyl-		N-Cyclohexyl-N-nitrosohydroxylamine	614
(1R,3R)-3-(2,2-dibromovinyl)-2,2-		N-Cyclohexyl-N-nitrosohydroxylamine	
dimethylcyclopropanecarboxylate	642	aluminium salt	615
Cyanoethylene	40	1,5-Cyclooctadiene	617
Cyanogen bromide	322	Cyclopentane	618
Cyanogen chloride	594	1,3-Cyclopentanedisulfonyldifluoride	619
1-Cyanoguanidine	595	Cyclopentanol	620
(Cyanomethyl)benzene	1611	Cyclopentanone	621
1-Cyano-octane	1538	Cyclopentyl alcohol	620
Cyanophos	596	Cyclopropanecarboxylic acid,3-(2,2-	
Cyanopropane	405	dibromoethenyl)-2,2-dimethyl-, cyano	
Cyanopyridine	597	(3-phenoxyphenyl)methyl ester	642
$\alpha$ -Cyanotoluene	1611	Cycocel Plus * (Chlormequat)	622
$\omega$ -Cyanotoluene	1611	Cyhexatin	1962
Cycloate	598	m-Cymene	623
Cyclododecane	599	p-Cymene	624
1,5,9-Cyclododecatiene	600	Cypermethrin	625
1,3,5-Cycloheptatriene	601	2,4-D	626
Cycloheptene	602	2,4-D butoxyethanol ester	627
2,5-Cyclohexadien-1,4-dione	258	2,4-D butoxyethyl ester	627
Cyclohexane	603	2,4-D butyl ester	628
1,2-Cyclohexanedicarboxylic acid	604	2,4-D dimethylaminesalt	629
1,2-Cyclohexanedicarboxylic anhydride	605	2,4-D isooctyl ester	630
Cyclohexanol	606	2,4-D sodium salt	631
Cyclohexanone	607	2,4-D(BE)	628
Cyclohexanone oxime	608	2,4-D(BEE)	627

2,4-D(IOE)	630	n-Decylic acid	420
DAC 893	632	DEF	1901
Dacthal	632	DEG	825
Dactinol	1748	Dehydroabietic acid	647
Dalapon	788	Dehydroabietol	648
Dalapon sodium	788	Dehydroacetic acid	649
Daminozide	1417	Dehydrojuvabione	650
2,4-DB	633	Deltamethrin	642
DBCP	691	Demephion S-sulfone	651
3,4-DCA	732	Demeton *	652
DCB	709	Demeton-O	652
DCMO	435	Demeton-O-methylsulfokside	1549
DCMU	963	Demeton-S	652
2,5-DCP	773	Demeton-S-methylsulfone	653
2,6-DCP	774	Desmedipham	654
DCPA	632	Deval Red TR	462
DDD	634	Dexon	655
4,4-DDD	634	Dextrone	1557
DDE	635	D-Glucitol	1098
p, p'-DDE	635	DHA	647
DDM	636	Di(2-chloroethyl) ether	289
DDOA	857	Di(2-ethylhexyl)adipate	656
DDT	637	Di(2-ethylhexyl)fumarate	657
p, p'-DDT	637	Di(2-ethylhexyl)orthophthalate	832
DDVP	793	Di(2-ethylhexyl)phosphoric acid	1006
DEA	810	Di(2-ethylhexyl)phthalate	832
Decabane	709	Di(2-methoxyethyl)phthalate	658
Decabromodiphenyl	638	Di(butoxyethoxyethyl)adipate	284
Decabromodiphenyl ether	639	S-(1,2-Di(ethoxycarbonyl)-ethyl)-O,O-	
Decachlorooctahydro-1,3,4-metheno-		dimethylphosphorodithioate	1261
2H-cyclobuta(cd)pentalen-2-one	1233	Di-2-ethylhexyl sodium salt	
Decachlorotetrahydro-4,7-methano-		sulfosuccinate	660
indeneone	1233	Di-2-naphthyl disulfide	661
Decahydronaphthalene	640	Di-2-propenylamine	669
Decalin	641	Di-n-butylether	390
Decamethrin	642	Diacetic ester	1011
n-Decane	643	Diacetone	667
Decanoic acid	420	Diacetone alcohol	667
Decanol	644	Diallate	668
1-Decanol	644	Diallylamine	669
n-Decanol	644	Diallylphthalate	670
2-Decanone	645	Diamidafos	671
1-Decene	646	Diamide	873
n-Decoic acid	420	1,3-Diamino-2-propanol tetracetic acid	672

1,2-Diaminobenzene	673	Dibromoneopentylglycol	696
1,3-Diaminobenzene	674	2,3-Dibromosuccinic acid	697
1,4-Diaminobenzene	675	Dibutyl phthalate	698
4,4'-Diaminobiphenyl	243	Dibutyl tin dilaurate	699
4,4'-Diaminodiphenylmethane	636	Dibutyl tin oxide	700
1,2-Diaminoethane	1023	Dibutylamine	701
1,5-Diaminonaphthalene	676	n-Dibutylamine	701
1,8-Diaminonaphthalene	677	Dibutyldichlorostannane	702
2,3-Diaminonaphthalene	678	Dibutylylfumarate	703
2,4-Diaminophenol hydrochloride	679	Dibutylylsulfide	398
2,4-Diaminotoluene	680	Dibutylytin bis(2-ethylhexoate)	704
Diammonium sulfate	137	Dibutylytin diacetate	705
o-Dianisidine	681	Dibutylytin difluoride	706
Diazinon	682	Dicamba	707
Dibenz(a, h)anthracene	683	Dicaphthoxon	708
1,2:5,6-Dibenzanthracene	683	Dicarbam	425
Dibenzo(b, jk)fluorene	252	1,2-Dicarboxy-3,6-endoxocyclohexane	1545
Dibenzofuran	684	Dichlobenil	709
1,2,5,6-Dibenzonaphthalene	559	Dichlofluanid	710
Dibenzopyrrole	426	Dichlone	714
2,2'-Dibenzothiazolyl disulfide	685	Dichloro difluoro methane	711
Dibenzothiophene	686	Dichloro diphenyl trichloroethane	637
Dibenzoyl peroxide	687	2,6-Dichloro(thiobenzamide)	551
p, p'-Dibenzoylquinonedioxime	295	2,4-Dichloro-1-(4-nitrophenoxy)	
Dibenzyl	275	benzene	779
Dibenzyl toluene	688	4,5-Dichloro-1,2-dithiocyclopenten-	
Dibenzylether	689	3-one	713
Di-β-naphthol	659	4,5-Dichloro-1,2-dithiol-3-one	713
1,3-Dibromo-2,2-bis(bromomethyl)		2,3-Dichloro-1,4-naphthaquinone	714
propane	690	2,3-Dichloro-1,4-naphthoquinone	714
O-(1,2-Dibromo-2,2-dichloroethyl)-O,O-		3,4-Dichloro-1-butene	715
dimethylphosphate	1440	2,4-Dichloro-1-hydroxynaphthalene	716
1,2-Dibromo-3-chloropropane	691	2,4-Dichloro-1-naphthol	716
2,6-Dibromo-4-cyanophenyl octanoate	338	1,3-Dichloro-1-propylene	786
3,5-Dibromo-4-hydroxybenzaldehyde-o-		1,4-Dichloro-2-butene	717
(2',4'-dinitrophenyl)oxime	332	cis-1,4-Dichloro-2-butene	717
3,5-Dibromo-4-hydroxybenzotrile	337	1,4-Dichloro-2-butylene	717
3,5-Dibromo-4-hydroxyphenyl cyanide	338	1,3-Dichloro-2-propanol	718
3,5-Dibromo-4-octanoyloxy-benzotrile	338	4,5-Dichloro-3H-1,2-dithiol-3-one	713
p-Dibromobenzene	692	4,5-Dichloro-3-oxo-1,2-dithiol	713
4,4'-Dibromobiphenyl	693	3,3'-Dichloro-4,4'-diaminodiphenyl-	
Dibromocresyl glycidyl ether	694	methane	720
1,10-Dibromodecane	695	1,3-Dichloro-4,6-dinitrobenzene	721
1,2-Dibromoethane	1022	1,2-Dichloro-4-nitrobenzene	722

2,4-Dichloro-4'-nitrodiphenyl ether	779	3,4-Dichlorocatechol	750
1-(2',5'-Dichloro-4'-sulfophenyl)- methyl-5-pyrazolone	719	4,5-Dichlorocatechol	751
3,3'-Dichloro-5,5'-benzidine disulfonic acid	723	Dichlorodehydroabietic acid	752
2,4-Dichloro-6-methylphenol	724	Dichlorodiethyl ether	289
2,4-Dichloro-6-nitrophenol	725	2,2'-Dichlorodiethyl ether	289
4,4'-Dichloro- $\alpha$ -(trichloromethyl)- benzhydrol	712	$\beta,\beta$ -Dichlorodiethyl ether	289
Dichloroacetic acid	727	Dichlorodiphenyldichloroethane	634
2,4-Dichloroacetophenone	728	Dichlorodiphenyldichloroethylene	635
S-2,3-Dichloroallyl-N,N-di- isopropylthiocarbamate	668	1,1-Dichloroethane	753
2,3-Dichloro- $\alpha$ -naphthoquinone	714	1,2-Dichloroethane	754
2,3-Dichloroaniline	729	1,1-Dichloroethene	755
2,4-Dichloroaniline	730	cis-1,2-Dichloroethene	757
2,5-Dichloroaniline	731	trans-1,2-Dichloroethene	758
3,4-Dichloroaniline	732	Dichloroether	289
3,5-Dichloroaniline	733	Dichloroethyl ether	289
4,5-Dichloroaniline	732	2,2'-Dichloroethyl ether	289
2,6-Dichlorobenzaldehyde	734	Dichloroethyl oxide	289
2,6-Dichlorobenzamide	735	1,1-Dichloroethylene	755
3,4-Dichlorobenzamine	732	1,2-Dichloroethylene	756
1,2-Dichlorobenzene	736	cis-1,2-Dichloroethylene	757
1,3-Dichlorobenzene	737	sym-Dichloroethylene	756
1,4-Dichlorobenzene	738	trans-1,2-Dichloroethylene	758
m-Dichlorobenzene	737	4,5-Dichloroguaiacol	759
o-Dichlorobenzene	736	2,2'-Dichlorohydrazobenzene	760
p-Dichlorobenzene	738	Dichloroisopropyl ether	761
3,3'-Dichlorobenzidine	739	Dichloromethane	762
4,4'-Dichlorobenzilic acid ethyl ester	740	Dichloromethyl benzene	763
2,4-Dichlorobenzoic acid	741	Dichloro-m-xylene	726
2,6-Dichlorobenzoic acid	742	4,5-Dichloronaphthalene-1,8- dicarboxylic acid	764
3,4-Dichlorobenzoic acid	743	4,4,5-Dichloronaphthalene-1,8- dicarboxylic anhydride	765
2,6-Dichlorobenzonitrile	709	2,3-Dichloronitrobenzene	766
2,6-Dichlorobenzyl alcohol	744	2,4-Dichloronitrobenzene	767
3,4-Dichlorobenzyl alcohol	745	2,5-Dichloronitrobenzene	768
3,4-Dichlorobenzyl chloride	746	3,4-Dichloronitrobenzene	722
3,4-Dichlorobenzyl)triphenyl- phosninium chloride	1047	3,5-Dichloronitrobenzene	769
2,4'-Dichlorobiphenyl	747	3,6-Dichloro-o-acidic acid	707
4,4'-Dichlorobiphenyl	748	Dichlorophen	770
3,4-Dichlorobutene	749	2,3-Dichlorophenol	771
trans-1,4-Dichlorobutene	717	2,4-Dichlorophenol	772
		2,5-Dichlorophenol	773
		2,6-Dichlorophenol	774
		3,4-Dichlorophenol	775

3,5-Dichlorophenol	776	2,2-Dichlorovinyl-O,O-dimethyl	
4-(2,4-Dichlorophenoxy)butyric acid	633	phosphate	793
2,4-Dichlorophenoxyacetic acid	626	Dichlorvos	793
2,4-Dichlorophenoxyacetic acid		Dichlorvos-ethyl	794
isooctylester	630	Dicofol	712
2,4-Dichlorophenoxyacetic acid,		Dicopper dihydroxycarbonate	577
butoxy-ethanol ester	627	Dicrotophos (cis(E)-isomer)	795
2,4-Dichlorophenoxyacetic acid,		Dicrotophos (Z-isomer)	796
sodium salt	631	Dicumyl peroxide	299
2,4-Dichlorophenyl 4-nitrophenyl ether	779	1,3-Dicyanobenzene	797
Dichlorophenyl methyl butylurea	777	1,4-Dicyanobenzene	798
2,4-Dichlorophenyl p-nitrophenyl ether	779	1,4-Dicyanobutane	43
3-(3,4-Dichlorophenyl)-1,1-dimethylurea	963	1,6-Dicyanohexane	799
3-(3,4-Dichlorophenyl)-1-methoxy-1-		Dicyanomethane	1265
methylurea	1256	Dicyclohexyl amine	800
3-(3,4-Dichlorophenyl)-1-methyl-1-n-		Dicyclohexyl phthalate	801
butylurea	777	N,N'-Dicyclohexyl thiourea	802
N-(3,4-Dichlorophenyl)-N'-(2'-		Dicyclohexylcarbodiimide	803
(4"-chloro-2"-sulfophenoxy)-5'-		2,6-Dicyclohexylphenol	804
chlorophenyl)urea	778	N,N'-Dicyclohexylurea	805
N'-(3,4-Dichlorophenyl)-N,N-		Dicyclopentadiene	806
dimethylurea	963	DID 100	807
N-(3,4-Dichlorophenyl)-N'-methoxy-N'		DID 47	303
methylurea	1256	Didecyl disulfide	808
N-(3,4-Dichlorophenyl)-propionamide	1698	Dieldrin	809
Dichlorophenylphosphine	780	Diethanolamine	810
2,4-Dichlorophenylp-nitrophenyl ether	779	S-(1,2-Diethoxycarbonyl)ethyl-O,O-	
3,6-Dichloropicolinic acid	781	dimethylphosphorothioate	1260
Dichloropropane	782	O,O-Diethyl O-(3,5,6-trichloro-2-	
1,1-Dichloropropane	783	pyridyl) phosphorothioate	811
1,2-Dichloropropane	784	Diethyl biphenyl	812
1,3-Dichloropropane	785	Diethyl carbonate	813
1,3-Dichloropropene	786	O,O-Diethyl dithiophosphate	814
2,3-Dichloropropene	787	Diethyl ether	1001
3',4'-Dichloropropionanilide	1698	Diethyl ketone	1583
$\alpha,\alpha$ -Dichloropropionic acid sodium salt	788	O,O-Diethyl O-(3-chloro-4-methyl-2-	
2,2-Dichloropropionic acid, sodium salt	788	oxy(2H)1-benzopyran-7-yl-	
2,6-Dichloropyridine	789	phosphorothioate	581
3,6-Dichloropyridine-2-carboxylic acid	781	Diethyl oxide	1001
9,10-Dichlorostearic acid	790	Diethyl p-nitrophenyl thiophosphate	816
2,4-Dichlorotoluene	791	Diethyl sulfate	815
3,4-Dichlorotoluene	792	O,O-Diethyl-O-(4-nitrophenyl)-	
1,4-Dichloro-trans-2-butene	717	phosphorothioate	816
		N, N-Diethyl-3-toluamide	817

Diethylamine	818	O,O-Diethyl-O-(4-(methylsulfinyl)-phenyl)-phosphorothioate	1057
(Diethylamino)ethane	1967	O,O-Diethyl-O-( $\alpha$ -cyanobenzyl-ideneamino)-thiophosphate	1639
Diethylaminoethylchloride-HCl	819	O,O-Diethyl-O-(p-nitrophenyl)phosphorothioate	816
4-Diethylaminosalicylaldehyde	820	O,O-Diethyl-O-1-(2',4'-dichlorophenyl)-2-chlorovinylphosphate	444
N, N-Diethylaniline	821	Diethylolamine	810
1,2-Diethylbenzene	822	Diethylparathion	816
1,3-Diethylbenzene	823	3,5-Diethylphenyl-n-methylcarbamate	1052
1,4-Diethylbenzene	824	Diethylphthalate	834
m-Diethylbenzene	823	O,O-Diethyl-S-(2-(ethylthio)ethyl)phosphorodithioate	962
o-Diethylbenzene	822	O,O-Diethyl-S-(2-(ethylthio)-ethyl)-phosphorothioate	652
p-Diethylbenzene	824	O,O-Diethyl-S-(4-oxo-3-H-1,2,3-benzotriazine-3-yl)- methyl-dithiophosphate	183
Diethylene dioxide	929	O,O-Diethyl-S-(ethylthiomethyl)-phosphorodithioate	1630
1,4-Diethylene dioxide	929	Diethylsuccinate	835
Diethylene ether	929	1,3-Diethylthiourea	836
Diethylene glycol	825	Diethyltoluamide	817
Diethylene glycol monobutylether	826	Difenacoum	837
Diethylene glycol monoethyl ether acetate	827	Difenzoquat	838
Diethylene glycol monomethyl ether	830	Difenzoquat methyl sulfate	838
Diethylene glycol mono-n-butyl ether	826	Diflubenzuron	529
Diethyleneglycol diethylether	828	Difluron	529
Diethyleneglycol monoethylether	829	Difolatan	839
Diethyleneglycol monomethylether	830	Diglycol	825
N,N-Diethylethanamine	1967	Diheptyl phthalate	840
Diethylfumarate	831	1,4-Dihydro-1,4-diketonnaphthalene	1456
Diethylhexylphthalate	832	2,3-Dihydro-2,2-dimethyl-7-benzofuranylmethylcarbamate	429
2-(3-Diethylimino-6-diethylamino-3H-xanthen-9-yl)benzoic acid chloride	1747	2,3-Dihydro-2,2-dimethylbenzofuran-7-yl-methylcarbamate	429
Diethylmaleate	833	Dihydro-2,5-dioxofuran	1263
N, N-Diethyl-m-toluamide	817	5,6-Dihydro-2-methyl-1,4-oxathune-3-carboxanilide	435
O,O-Diethyl-O-(2-(ethylthio)-ethyl)phosphorothioate	652	9,10-Dihydro-4-amino-4-benzoyl-9,10-dioxo-2-anthracenesulfonic acid	165
O,O-Diethyl-O-(2-isopropyl-4-methyl-6-pyrimidinyl)thiophosphoric acid	682	2,3-Dihydro-5-phenyl-carbamoyl-6-methyl-1,4-oxatine	435
O,O-Diethyl-O-(2-isopropyl-6-methyl-pyrimidin-4-yl)-phosphorothioate)	682		
O,O-Diethyl-O-(2-propyl-6-methyl-pyrimidin-4-yl)-thiophosphate	682		
O,O-Diethyl-O-(2-quinoxaliny)phosphorothioate	1738		
O,O-Diethyl-O-(3-chloro-4-methyl-2-oxo(2H)-1-benzopyran-7 -yl)-phosphorothioate	569		

9,10-Dihydro-8a,10-diazonia-phenanthrene dibromide	841	Dilauryl-thio dipropionic ester	855
9,10-Dihydro-9,10-diketoanthracene	164	Dimazine	893
Dihydrobutadienesulfone	1818	2,3-Dimercapto-1-propanol	856
Dihydrogen dioxide	1166	2,3-Dimercaptopropanol	856
Dihydroheptachlor	842	1,4:7,10-Dimethanodibenzo(a, e) cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-	967
Dihydrooxirene	1020	Dimethoate	869
2,4-Dihydroxy-2-methylpentane	1160	Dimethoxane	857
2,2'-Dihydroxy-5,5'-dichlorodiphenylmethane	1553	Dimethoxon	858
2,2'-Dihydroxy-5,5'-dichlorodiphenylmethane	770	4,4-Dimethoxy diphenylamine	859
1,2-Dihydroxybenzene	437	1,2-Dimethoxybenzene	2039
1,3-Dihydroxybenzene	1746	p-Dimethoxybenzene	860
1,4-Dihydroxybenzene	1168	3,3'-Dimethoxybenzidine	681
m-Dihydroxybenzene	1746	Dimethoxystrychnine	339
o-Dihydroxybenzene	437	2,6-Dimethoxytoluene	861
1,4-Dihydroxybutane	350	1,3-Dimethyl alcohol	1333
Dihydroxydiethyl ether	825	Dimethyl amine	862
2,2'-Dihydroxydiethyl ether	825	N-Dimethyl amino- $\beta$ -carbonyl propionic acid	1417
$\beta,\beta'$ -Dihydroxydiethyl ether	825	N, N-Dimethyl ethanolamine	863
1,2-Dihydroxyethane	1025	Dimethyl ether	1325
2,6-Dihydroxyisonicotinic acid	565	Dimethyl maleate	864
3,5-Diiodo-4-hydroxybenzonitrile	1194	2,3-Dimethyl naphthalene	865
Diisobutyl phthalate	843	2,6-Dimethyl naphthalene	866
Diisobutylketone	844	O,O-Dimethyl O-(4-methylthio-3-methylphenyl)phosphorothioate	1058
2,4-Diisocyanato-1-methylbenzene	1892	2,6-Dimethyl piperidine	867
2,6-Diisocyanato-1-methylbenzene	1893	O,O-Dimethyl S-(1-carboethoxybenzyl) dithiophosphate	868
2,4-Diisocyanatotoluene	1892	O,O-Dimethyl S-(2(methylamino)-2-oxoethyl) phosphorodithioate	869
2,6-Diisocyanatotoluene	1893	Dimethyl sulfate	870
Diisodecyl phthalate	845	Dimethyl sulfoxide	871
Diisononylphthalate	846	Dimethyl terephthalate	1832
Diisopentyl ether	847	Dimethyl viologenchloride	1557
Diisophorone hydrazone	848	O,O-Dimethyl-(2,2,2-trichloro-1-hydroxyethyl)phosphonate	1959
Diisopropanol amine	849	9,10-Dimethyl-1,2-benzanthracene	888
Diisopropyl amine	850	2,6-Dimethyl-1,3-dioxane-4-yl-acetate	857
Diisopropyl naphthalene	851	2,2-Dimethyl-1,3-propanediol	872
N,N'-Di-isopropyl-6-methylthio-1,3,5-triazine-2,4-diyldiamine	1695	Dimethyl-1-methyl-2-(methylcarbonyl)vinylphosphate	1424
Diisopropylbenzene, m-(60%) and p-(40%)	852		
Diisopropylether	853		
Diketene	854		
Dilauryl thiodi ester propionate	855		



N,N-Dimethyl-1-octadecanamine	1529	4-(1-(4-Dimethylaminophenyl)-1-(4-methylaminophenyl)methylene)-2,5-cyclohexadien-1-ylidene)dimethyl-	
O,O-Dimethyl-2,2,2-trichloro-		ammonium-p-dodecyldiphenyl	
1-hydroxyethylphosphonate	1959	ether disulfonate	881
N, N-Dimethyl-2,2-diphenylacetamide	873	Dimethylaminopyridine	882
1,5-Dimethyl-2,4-dinitrobenzene	874	4-Dimethylaminopyridine	882
2,6-Dimethyl-2,5-heptadien-4-one	1631	S,S'-2-Dimethylaminotrimethylene-	
3,3-Dimethyl-2-butanone	875	bis(thiocarbamate)	436
4,5-Dimethyl-2-nitroaniline	876	Dimethylaniline	886
1,2-Dimethyl-3,5-diphenyl-1-H-		2, N-Dimethylaniline	1345
pyrazolium	838	2,4-Dimethylaniline	883
1,2-Dimethyl-3,5-diphenyl-1-H-		2,5-Dimethylaniline	884
pyrazolium methyl sulfate	838	3,4-Dimethylaniline	885
1,1-Dimethyl-3-phenylurea	1060	N, N-Dimethylaniline	886
Dimethyl-4,4'-(o-phenylene)bis		9,10-Dimethylantracene	887
(3-thioallophanate)	1880	N, N-Dimethyl- $\alpha$ -phenyl-	
1,1'-Dimethyl-4,4'-bipyridinium		benzeneacetamide	873
dichloride	1557	Dimethylarsinic acid	406
N,N'-Dimethyl-4,4'-bipyridinium		7,12-Dimethylbenzantracene	888
dichloride	1557	Dimethylbenzene	2050
1,1'-Dimethyl-4,4'-dipyridylum		1,2-Dimethylbenzene	2052
chloride	1557	1,3-Dimethylbenzene	2051
3,5-Dimethyl-4-methylthiophenyl-		1,4-Dimethylbenzene	2053
methylcarbamate	1300	o-Dimethylbenzene	2052
N, N-Dimethylacetamide	878	N, N-Dimethylbenzeneamine	886
Dimethylacetone	1583	3,3'-Dimethylbenzidine	889
Dimethylacetylcarbinol	667	N, N-Dimethylbenzylamine	890
O,S-Dimethylacetylphosphoroamido-		Dimethylcarbinol	1212
thioate	6	2,2-Dimethylcyclopropanecarboxylate	1591
4-(Dimethylamine)-3,5-xylyl N-		N, N-Dimethyldiphenylacetamide	873
methylcarbamate	879	4,4'-Dimethyldipyridyl dichloride	1557
Dimethylamino succinamic acid	1417	O,O-Dimethyldithiophosphoryl	
4-(N, N-Dimethylamino)-1,2-dithiolane	1436	acetic acid	869
4-(Dimethylamino)-3,5-		Dimethyldodecylamine	1239
dimethylphenol-N-methylcarbamate	879	Dimethyleneoxide	1020
4-(Dimethylamino)-3-methylphenyl-N-		4-(1,1-Dimethylethyl)phenol	394
methylcarbamate(ester)	118	4-( $\alpha,\alpha$ -Dimethylethyl)phenol	394
(Dimethylamino)benzene	886	1,1-Dimethylethylamine	378
4-Dimethylamino-3,5-xyleneol	880	sym-Dimethylethylene	358
2-Dimethylamino-5,6-dimethyl-		Dimethylformamide	891
pyrimidine-4-yl-dimethylcarbamate	1658	2,5-Dimethylhexa-2,4-diene	892
Dimethylaminoaniline	119	1,1-Dimethylhydrazine	893
4-Dimethylamino-m-tolylmethyl-		N,N-Dimethylhydrazine	893
carbamate	118	2,6-Dimethyl-m-dioxan-4-ol acetate	857

N, N-Dimethylmethanamide	891	4-(1,1-Dimethylpropyl)phenol	1584
N,N-Dimethyl-N'-(2-methyl-4-chlorophenyl)formamidine	547	p-( $\alpha,\alpha$ -Dimethylpropyl)phenol	1584
Dimethylnitrooxopropyrane carboxylic acid ester	894	p-(1,1-Dimethylpropyl)phenol	1584
N, N-Dimethylnitrosoamine	895	O,O-Dimethyl-S-((4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl)phosphorodithioate	184
O,O-Dimethyl-O-(1-methyl-2-carboxy- $\alpha$ -phenylethyl)-vinylphosphate	563	O,O-Dimethyl-S-(1-ethoxycarbonyl-1-phenyl) methylphosphorodithioate	868
O,O-Dimethyl-O-(2,4,5-trichlorophenyl)-phosphorothioate	1051	O,O-Dimethyl-S-(2-ethylmercaptoethyl)dithiophosphate	877
O,O-Dimethyl-O-(2-chloro-2-(N,N-diethylcarbamoyl)-1-methylvinyl phosphate	474	O,O-Dimethyl-S-(N-methylcarbamoyl-methyl)phosphorodithioate	869
O,O-Dimethyl-O-(2-methylcarbamoyl-1-methyl-vinyl)phosphate	1424	O,O-Dimethyl-S-(N-methylcarbamoyl-methyl) dithiophosphate	869
O,O-Dimethyl-O-(3-methyl-4-methylthiophenyl)-phosphorothioate	1058	O,O-Dimethyl-S-phthalimidemethylphosphorodithioate	1191
O,O-Dimethyl-O-(4-nitro-m-tolyl)phosphorothioate	1053	Dimethyltetrachloroterephthalate	632
O,O-Dimethyl-O-(methyl-4-nitrophenyl)phosphorothioate	1053	Dimeton	869
O,O-Dimethyl-O-4-(methylmercapto)-3-methylphenylthiophosphate	1058	Dimilin	529
O,O-Dimethyl-O-4-nitrophenylphosphorothioate	1391	Di-n-amylamine	662
Dimethylphenol	2054	Di-n-butylphthalate	698
2,4-Dimethylphenol	2055	Di-n-butyltinfluoride	706
2,5-Dimethylphenol	2056	4,6-Dinitro-2-cresol	900
2,6-Dimethylphenol	2057	3,5-Dinitro-2-hydroxytoluene	900
3,4-Dimethylphenol	2058	2,4-Dinitro-6-(1-methylpropyl)phenol	922
3,5-Dimethylphenol	2059	2,4-Dinitro-6-methylphenol	900
Dimethylphenylamine	886	2,4-Dinitro-6-sec-butylphenol	922
Dimethylphosphate	896	3,5-Dinitroaniline	902
Dimethylphosphate of 3-hydroxy-N-methyl-cis-crotonamide-	1424	Dinitrobenzene	903
Dimethylphosphite	897	1,2-Dinitrobenzene	904
O,O-Dimethylphosphorothioate-O,O-diester with 4,4'-thiodiphenol	1	1,3-Dinitrobenzene	905
Dimethylphthalate	898	1,4-Dinitrobenzene	906
Dimethyl-p-phenylenediamine	119	m-Dinitrobenzene	905
S,S'-2-Dimethylpropane-1,3-diyl dithiocarbamate	899	Dinitrobutylphenol	907
2,2-Dimethylpropanoic acid	1660	o-Dinitrocresol	900
2,2-Dimethylpropionic acid	1660	Dinitromethylcyclohexytrienol	900
		2,6-Dinitro-N,N-dipropyl-4-trifluoromethylaniline	1976
		2,4-Dinitro-o-cresol	900
		4,6-Dinitro-o-cresol	900
		4,6-Dinitro-o-sec-amylphenol	901
		Dinitrophenol	908
		2,4-Dinitrophenol	909
		2,5-Dinitrophenol	910

N, N'-Dinitrosopentamethylene tetramine	911	N, N-Diphenyl guanidine	935
Dinitrotoluene	912	Diphenyl methane	936
2,3-Dinitrotoluene	913	Diphenyl methanol	937
2,4-Dinitrotoluene	914	3-(3-p-Diphenyl-1,2,3,4-tetrahydro-naphth-1-yl)-4-hydroxycoumarin	837
2,5-Dinitrotoluene	915	2,2'-Diphenyl-2-hydroxyacetic acid	938
2,6-Dinitrotoluene	916	N, N- $\alpha$ , $\alpha$ -Diphenylacetamide	873
3,4-Dinitrotoluene	917	Diphenylamide	873
3,5-Dinitrotoluene	918	Diphenylamine	940
Dinocap	919	Diphenyldiimide	185
Di-n-octyltin maleate	926	Diphenylene oxide	684
Dinonyl phthalate	920	1,2-Diphenylethane	275
Dinonylnaphthalene sulfonate	921	1,3-Diphenylguanidine	935
Dinoseb	922	N, N'-Diphenylguanidine	935
Dinoteracetate	369	1,2-Diphenylhydrazine	941
1,4-Diocese-2,3-diyl-bis-diethylphosphorodithioate	930	Diphenylmonotridecylphosphite	942
N, N'-Dioctadecylurea	923	2,2-Diphenyl-N,N-dimethylacetamide	873
Dioctyl o-benzenedicarboxylate	924	Diphenyloxide phenoxybenzone	934
Dioctyl phthalate	924	N, N'-Diphenyl-p-phenylenediamine	939
Dioctyl sebacate	925	Diphenyltin dichloride	943
Dioctyl tin maleate	926	Diphosphoric acid, tetraethyl ester	1858
Dioxacarb	927	Dipotassium dichloride	1681
1,4-Dioxacyclohexane	929	Dipotassium octylphosphate and potassium dioctylphosphate	944
1,3-Dioxane	928	Dipropylenglycol	945
1,4-Dioxane	929	Dipropylphthalate	946
m-Dioxane	928	2,2'-Dipyridyl	283
p-Dioxane	929	Diquat	841
3,6-Dioxaoctane-1,8-diol	1968	Diquat dibromide	841
Dioxathion	930	Direct Black-154	947
1,3-Dioxolan-2-on	931	Direct Yellow-86	948
2-(1,3-Dioxolan-2-yl)-phenylmethyl carbamate	927	2,6-Di-sec-butylphenol	663
1,3-Dioxolane-2-one	931	Disodium arsenate	949
1,3-Dioxophthalan	1641	Disodium arsenic acid	949
m-Dioxybenzene	1746	Disodium ethylene-1,2-bisdithiocarbamate	1439
Dioxyethylene ether	929	Disodium hydrogen orthoarsenate	949
Di-p-amino-di-m-methoxydiphenyl	681	Disodium metasilicate	1756
Dipentamethylene thiuramtetrasulfide	932	Disodium monosilicate	1756
Dipentyl ketone	933	Disodium sulfate	1801
Diphenamide	873	Disodium-2-naphthol-3,6-disulfonate	950
o-Diphenol	437	Disodiumethylenebis(dithiocarbamate)	1439
Diphenyl	280	Disodiummono-hydrogen arsenate	949
Diphenyl ether	934	Disperse Blue 54	952

Disperse Blue-143	951	1-Dodecanol	970
Disperse Orange 73	953	1-Dodecen-2-ylsuccinic acid anhydride	971
Disperse Red 167	954	Dodecenylsuccinic anhydride	971
Disperse Red 206	955	Dodecyl alcohol	970
Disperse Red 207	956	Dodecyl nitrate	1466
Disperse Yellow 163	957	4-Dodecylaniline	972
Disperse Yellow 42	958	Dodecylbenzenesulfonate	973
Disperse Yellow 64	959	Dodecylguanidine acetate	974
Distamycin A	960	n-Dodecylguanidine acetate	974
Distearyl thiodi ester propionate	961	p-Dodecylphenol	975
Distearylthio dipropionic ester	961	Dodecyltrimethylammonium chloride	976
Disulfoton	962	Dodine	974
Disulfur chloride	1820	Dodine acetate	974
2,6-Di-t-butyl-4-ethylphenol	664	Donax	977
3,5-Di-tert-butylbiphenyl-4-ol	665	Dosanex *	1410
2,6-Di-tert-butyl-p-cresol	370	Dowco 139	879
2,4-Di-tert-butylphenol	666	Dowco 160	978
Dithane M-45 *	1266	Dowco 163	472
Dithiol	713	Dowco 179	811
Diuron	963	Dowco 186	2011
Divinyl	348	Dowco 290	781
m-(or p-) Divinylbenzene	964	Dowfume	1373
DMEP	658	Dowicide 2	1953
DMF	891	Dowicide 25	1954
DMFA	891	Dowicide A *	979
DMPA	2072	Dowpon	788
DMSO	871	DPA	788
DMTP	1058	DPP	946
DMU	963	Dry ice	430
DNAP	901	DSE	1439
DNBP	922	Dursban	811
2,4-DNP	909	Ecatox	816
n-Docosane	965	ECH	986
Docosanoic acid	226	EDB	1022
13-Docosenamamide	966	EDTA	1024
cis-13-Docosenoic acid amide	966	Eicosane	980
n-Docosic acid	226	Ekatin	877
Dodecachloro dodecahydrodimethano-		Ekatox	816
dibenzo cyclooctene	967	Elsan	868
1,1a,2,3a,4,5,5a,5b,6-Dodecachloroocta-		Emisan 6	450
hydro-1,3,4-methano-1H-		Endosulfan	981
cyclobuta(cd)pentalene	1413	Endosulfan A	982
1,12-Dodecanedicarboxylic acid	968	Endosulfan B	983
Dodecanoic acid	969	Endothal	1545

Endothal	984	1-Ethoxy-3-oxabutan-5-ol	829
3,6-Endoxohexahydrophthalic acid	1545	4-Ethoxyaniline	996
Endrin	985	S- $\alpha$ -Ethoxycarbonylbenzyl O,O-	
ENT 27318	995	dimethylphosphorodithioate	868
Epichlorohydrin	986	Ethoxyethane	1001
EPN	987	2-Ethoxyethanol	1027
1,4-Epoxy-1,3-butadiene	1085	2-Ethoxyethyl acetate	1031
1,2-Epoxy-3-allyloxypropane	69	Ethyl acetate	997
1,2-Epoxyethane	1020	Ethyl acrylate	998
Epoxypropane	1702	Ethyl amyl ketone	1536
1,2-Epoxypropane	1702	2-Ethyl anthraquinone	999
1-(2,3-Epoxypropoxy)-2-ethylhexane	1035	Ethyl benzoate	1000
2,3-Epoxypropylbutylether	392	Ethyl butyl ketone	1121
2,3-Epoxypropyltrimethyl ammonium chloride	1103	Ethyl carbonate	813
9,10-Epoxy stearic acid	988	Ethyl chloroformate	1017
EPTC	989	S-Ethyl dipropylthiocarbamate	989
Eradex	811	Ethyl ethanoate	997
Erythrene	348	Ethyl ether	1001
Essolvene	990	Ethyl isodehydroacetate	1002
Ethanal	7	Ethyl m-aminobenzoate methane sulfonate	117
Ethanamide	8	Ethyl m-aminobenzoate, methanesulfonic acid salt	117
1,2-Ethandiol	1025	Ethyl m-hydroxycarbanilate	
Ethane dichloride	754	carbanilate (ester)	654
Ethane pentachloride	1572	N-Ethyl morpholine	1039
Ethane-1,2-diol	1025	Ethyl N, N-di-N-propylthiocarbamate	989
1,2-Ethanediamide	1023	Ethyl N-chloroacetyl-N-	
1,2-Ethandiol	1025	(2,6-diethylphenyl) aminoacetate	1123
Ethandiol ester montanic acid	991	Ethyl parathion	816
Ethanenitrile	14	Ethyl phenyl ether	1003
Ethaneperoxid acid	1588	Ethyl phenylcarbamate	1009
Ethanoic acid	10	Ethyl phenylurethane	1009
Ethanoic anhydride	11	Ethyl pyrophosphate	1858
Ethanol	992	Ethyl salicylate	1004
Ethanol amine	120	S-Ethyl(3-dimethylaminopropyl)-	
$\beta$ -Ethanolamine	120	thiocarbamate	1713
Ethene	1018	N-Ethyl-1-aminonaphthalene	1005
Ethene oxide	1020	S-Ethyl-1-hexamethylene-iminothio-	
Ethenylbenzene	1815	carbamate	1416
Ether	1001	2-Ethyl-1-hexanol hydrogen phosphate	1006
Ethine	23	2-Ethyl-1-hexanol	1033
Ethion	993	2-Ethyl-2-hexenal	1007
Ethofumesate	994	Ethyl-4-aminobenzoate	1008
Ethoprop	995		

5-Ethyl-5-phenylbarbituric acid	1601	Ethylenediamine tetraacetate	1024
Ethylacetic acid	403	Ethyleneglycol	1025
Ethylacetic ester	997	Ethyleneglycol acetate	1026
Ethylaceto acetate	1011	Ethyleneglycol monobutyl ether acetate	387
Ethylalcohol	992	Ethyleneglycol monoethylether	1027
Ethylaldehyde	7	Ethyleneglycol monomethylether	1028
Ethylamine	1012	Ethyleneglycol monomethylether	
Ethylamine hydrochloride	1013	acetate	1029
6-Ethylamino-4-isopropylamino-		Ethyleneglycolmono-n-butylether	362
2-methylthio-1,3,5-triazine	80	Ethylenenaphthalene	4
2-Ethylamino-4-isopropylamino-		1,8-Ethylenenaphthalene	4
6-methylmercapto-s-triazine	80	Ethylethylene	356
2-Ethylamino-4-isopropylamino-		Ethylfenthion	1030
6-methylthio-1,3,5-triazine	80	Ethylglycol acetate	1031
2-Ethylamino-4-isopropylamino-		S-Ethyl-hexahydro-1H-azepine-1-	
6-methylthio-s-triazine	80	carbothioate	1416
2-Ethylamino-6-isopropylamino-		2-Ethylhexyl acrylate	1537
4-chloro-1,3,5-triazine	182	2-Ethylhexyl alcohol	1033
N-Ethylaniline	1014	2-Ethylhexyl amine	1034
Ethylbenzene	1015	2-Ethylhexyl glycidyl ether	1035
Ethylbromide	325	N-(2-Ethylhexyl)-1-isopropyl-4-	
Ethylbutyrate	1016	methylbicyclo(2,2,2)- octa-5-ene-2,3-	
Ethylchlorocarbonate	1017	dicarboxyimide	1032
Ethylene	1018	2-Ethylhexyldiphenyl phosphate	1036
Ethylene alcohol	1025	2-Ethylhexylvinylether	1037
Ethylene dichloride	754	Ethylidene chloride	753
Ethylene diglycol	825	Ethylidene dichloride	753
Ethylene dihydrate	1025	Ethylidene norbornene	1038
Ethylene imine	1019	5-Ethylidene-2-norbornene	1038
Ethylene oxide	1020	Ethylmethylketoxime	355
Ethylene thiourea	1021	n-Ethylmorpholine	1039
Ethylene trichloride	1941	S-Ethyl-N,N-dipropyl(thiocarbamate)	989
1,1'-Ethylene-2,2'-bipyridylium-		S-Ethyl-N-ethylthiocyclohexane-	
dibromide	841	carbamate	598
Ethylenebis(dithiocarbamate),		2-Ethylnitrobenzene	1040
disodium salt	1439	o-Ethylnitrobenzene	1040
Ethylenebis(dithiocarbamic acid)		Ethyl-N-phenylcarbamate	1009
manganous salt	1267	O-Ethyl-O-4-nitrophenylphenyl-	
Ethylenebis(dithiocarbamic acid)		phosphonothioate	987
sodium salt	1439	Ethylacetate	1011
Ethylenebromide	1022	O-Ethyl-O-p-nitrophenyl-phenylthio-	
Ethylenecarboxylic acid	38	phosphonate	987
Ethylenechlorohydrin	509	Ethyl-p-aminobenzoate	1008
Ethylenediamine	1023	2-Ethylphenol	1041

3-Ethylphenol	1042	Fentrifanil	1059
4-Ethylphenol	1043	Fenuron	1060
Ethyl-p-nitrophenylbenzenethio- phosphonate	987	Fenvalerate	1061
Ethylpropionate	1044	Ferbam	1062
N-Ethyl-p-toluidine	1010	Ferric chloride	1063
Ethylpyridine	1045	Ferric ion	1195
O-Ethyl-S,S-dipropylphosphoro- dithioate	995	Ferric oxide	1196
O-Ethyl-S-phenylethylphosphono- dithioate	1076	Ferridimethyldithiocarbamate	1062
Ethylstyrene	1046	Ferrochromolignosulfonate	1064
S-(2-(Ethylsulfinyl)-ethyl)-O,O- dimethylphosphorothioate	1549	Ferrous ion	1195
S-(2-(Ethylsulfonyl)ethyl)-O,O- dimethylphosphorothioate	653	Ferrous sulfate	1065
Ethyne	23	Flamprop-isopropyl	1066
Ethynylcarbinol	1700	Fluchloralin	1067
Eulan	1047	Fluoranthene	1068
Eulan NK	1047	Fluorene	1069
Eulan NKU	1047	9-Fluorenone	1070
F2	1072	Fluorescent-260	1071
Falisan	450	Fluoric acid	1164
Famfos	474	Fluorides	1072
Faneron Combi 500 FW *	1048	Fluorine and fluoride compounds	1072
Faneron Combi 500 FW *	1830	1-Fluoro-4-nitrobenzene	1073
Faneron Combi 500 FW *	332	Fluoroacetamide	1074
Fatal	632	2-Fluorobutanamide-5-(2-(2,4-di-t- amylphenoxy)butanamide)phenol	1075
Fenam	873	Fluorocarbon 12	711
Fenammine	135	Fluorotriphenylstannane	2010
Fenamminosulf	655	Flusythrinat	3
Fenamiphos	1049	Fonophos	1076
Fenbutatin oxide	1050	Formaldehyde	1077
Fenclorphos	1051	Formaldehyde polymer	1556
Fenethcarb	1052	Formaldehyde sodium bisulfate	
Fenitrothion	1053	1/2 hydrate	1078
Fennosan H-30 *	1054	Formaldehyde, trimer	2003
Fennotox S 2 *	1055	Formalin	1077
Fenpropanate	1056	Formaline	1077
Fensulfothion	1057	Formamide	1079
Fenthion	1058	Formetanate-HCL	1080
Fenthoate	868	Formic acid	1081
Fentin acetate	2008	Formic acid, methyl ester	1326
Fentin hydroxide	2011	Formic aldehyde	1077
		Formothion	1082
		1-Formyl-2-hydroxynaphthalene	1083
		Formylic acid	1081
		Fosalone	1084

Fosfamid	869	Glycol ethylene ether	929
Fosfamidon	474	Glycol monobutylether	362
Fosfotox	869	Glycolchlorohydrin	509
Freon 113	1958	Glycolethyl ether	825
Freon R 12	711	Glycomonomethylether acetate	1029
Funulon	1060	Glycyl alcohol	1101
2-Furaldehyde	1087	Glyoxal	1104
Furan	1085	Glyphosate	1105
Furazolidone	1086	Glyphosate, isopropylaminesalt	1106
Furfural	1087	Gold and gold compounds	1107
Furfuraldehyde	1087	Gophacide	1108
Furfuryl alcohol	1088	Gramisan	450
Furpyrinol	1089	GS 14259	1109
Fyrol FR-2	1090	Guaiacol	1110
Gallium compounds	1091	Guazatine acetates	1111
Gardoprim-liquid *	1830	Gum camphor	418
Garlon 3A	1092	Halowax	1112
GC 4276	1093	HCCH	1252
GC 6506	1094	HCH	1129
GD-174	1095	HCH	1252
Geraniol	1096	$\alpha$ -HCH	1130
Germanium and germanium compounds	1097	$\beta$ -HCH	1131
Glacial acetic acid	10	$\gamma$ -HCH	1252
Glucitol	1098	HCN	1165
Glycerin	1101	HDEHP	1006
Glycerin acetate	1099	HEOD	809
Glycerin- $\alpha$ -allylether	1100	Heptachlor	1113
Glycerine	1101	Heptachlor epoxide	1114
Glyceritol	1101	1,4,5,6,7,8,8-Heptachlor-3a,4,7,7a- tetrahydro-4,7-endo-methanoindene	1113
Glycerol	1101	Heptachloronorbornene	1115
Glycidyl methacrylate	1102	4-(Heptaloxo)phenol	1116
Glycidylallylether	69	2,2,4,4,6,8,8-Heptamethylnonane	1117
Glycidylbutylether	392	Heptanal, 2-(phenylmethylene)-	149
Glycidyltrimethyl ammonium chloride	1103	Heptane	1118
Glycine	109	1-Heptanol	1119
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	1241	n-Heptanol	1119
Glycinol	120	2-Heptanone	1120
Glycocoll	109	3-Heptanone	1121
Glycol	1025	1-Heptene	1122
Glycol alcohol	1025	Heptylchloride	514
Glycol dichloride	754	Hercules 22234	1123
Glycol ether	825	Hexabromo diphenyl ether	1124
		Hexabromobenzene	1125



Hexabutyl-distannoxane	1924	Hexamethyl phosphoric triamide	1145
Hexabutyl-ditin	1924	Hexamethylbenzene	1146
1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4-endo, exo-5,8-dimethanonaphthalene	52	Hexamethylenediamine	1147
6,7,8,9,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin-3-oxide	981	Hexamethylenetetramine	1148
1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-exo-1,4-endo-5,8-dimethanonaphthalene	809	N-Hexamethylolmelamine	1149
1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octa-hydroexo-1,4-exo-1,4-exo-5,8-dimethanonaphthalene	985	n-Hexane	1150
Hexachlorobenzene	1126	1,6-Hexanediamine	1147
1,4,5,6,7,7-Hexachlorobicyclo-(2,2,1)-5-heptene-2,3-dicarboxylic acid	1127	Hexanedinitrile	43
Hexachlorobutadiene	1128	Hexanedioic acid	42
Hexachlorocyclohexane	1129	Hexanedioic acid dinitrile	43
1,2,3,4,5,6-Hexachlorocyclohexane	1252	Hexanedioic acid, bis(2-(2-butoxyethoxy)ethyl) ester	1970
$\alpha$ -Hexachlorocyclohexane	1130	1,2-Hexanediol	1160
$\beta$ -Hexachlorocyclohexane	1131	1,2,3,4,5,6-Hexanehexol	1273
$\delta$ -Hexachlorocyclohexane	1132	1,2,6-Hexanetriol	1151
$\gamma$ -Hexachlorocyclohexane	1252	Hexanoic acid	421
Hexachlorocyclopentadiene	1133	n-Hexanoic acid	421
Hexachloroethane	1134	Hexanol	1152
Hexachloronorbornadiene	1135	1-Hexanol	1152
1-Hexacosanol	1136	2-Hexanol	1153
n-Hexadecane	1137	3-Hexanol	1154
1-Hexadecene	1138	n-Hexanol	1152
Hexadecylpyridiniumbromide	1139	2-Hexanone	1155
Hexadecyltrimethylammonium-bromide	1140	Hexavin	425
Hexadecyltrimethylammonium-chloride	1141	1-Hexene	1156
2,4-Hexadienic acid	1142	n-Hexoic acid	421
2,4-Hexadienoic acid	1142	Hexyl acetate	1157
1,1,1,3,3,3-Hexafluoro-2-propanol	1143	Hexyl alcohol	1152
Hexahydro-1,3,5-(2-hydroxyethyl)-1,3,5-triazine	1144	4'-n-Hexyl-4-cyanobiphenyl	1158
Hexahydroaniline	613	n-Hexylbenzene	1159
Hexahydrobenzene	603	Hexylene glycol	1160
Hexahydrophenol	606	Hexyleneglycol	1160
Hexalin	606	4-(Hexyloxy)phenol	1161
		p-Hexylphenol	1162
		Higosan	450
		Hippuric acid	263
		Hydralin	606
		Hydrazine	1163
		Hydrazomethane	1431
		1,8-Hydroacenaphthylene	4
		Hydrochloride benzenamide	154
		Hydrofluoric acid	1164
		Hydrofluoride	1164
		Hydrogen carboxylic acid	1081

Hydrogen cyanide	1165	p-Hydroxyaniline	130
Hydrogen dioxide	1166	p-Hydroxyanisole	1315
Hydrogen fluoride	1164	1-Hydroxyanthraquinone	1177
Hydrogen nitrate	1465	o-Hydroxybenzaldehyde	1750
Hydrogen peroxide * 90%	1166	Hydroxybenzene	1602
Hydrogen sulfate	1823	3-Hydroxybenzenemethanol	1178
Hydrogen sulfide	1167	3-Hydroxybenzotrile	1179
Hydroperoxide	1166	2-Hydroxybiphenyl	1606
Hydrophenol	606	1-Hydroxybutane	351
Hydroquinone	1168	2-Hydroxybutane	352
m-Hydroquinone	1746	3-Hydroxycyclohexadien-1-one	1746
o-Hydroquinone	437	Hydroxycyclopentane	620
Hydroquinone monomethyl ether	1315	Hydroxydimethylarsine oxide	406
Hydroquinonemonobenzylether	1169	2-Hydroxyethanol	1025
2-Hydroxy butane	352	2-Hydroxyethyl acrylate	1180
4-Hydroxy diphenylmethane	273	2-Hydroxyethyl methacrylate	1181
2-Hydroxy-1,2,3-propanetricarboxylic acid	566	2-Hydroxyethylamine	120
2-Hydroxy-1,3,5-trinitrobenzene	1645	β-Hydroxyethylamine	120
7-Hydroxy-1,3-naphthalene disulfonic acid dipotassium salt	1170	9-Hydroxyfluorene	1182
2-Hydroxy-1,7,7-trimethyl bicyclo(2,2,1)heptane	1171	α-Hydroxyisobutyronitrile	1386
1-Hydroxy-2-methylbenzene	585	6-(Hydroxymethyl)-2-(2-(5-nitro-2-furyl)vinyl)-pyridine	1089
2-Hydroxy-2-methylpropanenitrile	1386	N-(Hydroxymethyl)alkane-(C=14-18)amide	1183
2-Hydroxy-2-methylpropionitrile	1386	2-((Hydroxymethyl)amino) ethanol	1184
3-Hydroxy-2-naphthoic acid	1172	p-Hydroxymethylaniline	1361
4-Hydroxy-3-(3-oxo-1-phenylbutyl)-coumarin	2047	1-Hydroxymethylpropane	1197
4-Hydroxy-3-(3-oxo-1-phenylbutyl)-quemarin	2047	2-Hydroxynitrobenzene	1497
4-Hydroxy-3,5-diiodobenzonitrile	1194	o-Hydroxynitrobenzene	1497
2-(2'-Hydroxy-3',5'-di-t-butylphenyl)-5-chlorobenzotriazole	1173	3-Hydroxyphenol	1746
2-Hydroxy-4-methoxybenzophenone	1174	4-Hydroxyphenol	586
4-Hydroxy-4-methyl-2-pentanone	667	m-Hydroxyphenol	1746
4-(4-Hydroxy-4-methyl-pentyl)-3-cyclohexenecarbaldehyde	1175	o-Hydroxyphenol	437
2-Hydroxy-4-n-octoxybenzophenone	1540	p-Hydroxyphenol	1168
1-Hydroxy-4-tert-butylbenzene	394	N-(2-Hydroxyphenyl)acetoamide	1185
3-Hydroxy-5-hydroxymethyl-2-methylisonicotinaldehyde	1176	2-Hydroxypropionitrile	1235
m-Hydroxyaniline	128	2-Hydroxypyridine	1186
o-Hydroxyaniline	129	3-Hydroxypyridine	1187
		4-Hydroxypyridine	1188
		β-Hydroxypyridine	1187
		12-Hydroxystearic acid	1189
		2-Hydroxytoluene	585
		3-Hydroxytoluene	584
		4-Hydroxytoluene	586

$\alpha$ -Hydroxytoluene	1615	Isopimaric acid	1210
$\beta$ -Hydroxytricarballic acid	566	Isoprene	1211
Hydroxytriphenylstannane	2011	Isopropanol	1212
Hydroxytriphenyltin	2011	4-Isopropenyl-chlorobenzene	1213
Hymexazol	1190	2-Isopropoxyphenyl methylcarbamate	1214
Hypnone	15	Isopropyl alcohol	1212
Imidan	1191	Isopropyl benzyl alcohol	1215
Imugan	1192	Isopropyl dimethyl carbinol	1333
Iodine	1193	Isopropyl ether	853
Ioxynil	1194	(Isopropyl(2E-4E)-11-methoxy-3,7,11-trimethyl-dodeca-2,4-dienoate	1302
Iron and iron compounds	1195	3-Isopropyl-1H-2,1,3-benzothiadiazin-(4)3H-one-dioxide	230
Iron(III) oxide	1196	2-Isopropyl-4-methyl-6-hydroxy-pyrimidine	1216
Ironoxide	1196	1-Isopropyl-4-methylbenzene	624
Isoamyl salicylate	1198	1-Isopropyl-4-methylcyclohexane	1217
Isoamylaldehyde	1374	Isopropylacetate	1219
Isobenzan	1199	Isopropylacetone	1328
1,3-Isobenzofurandione	1641	Isopropylamine	1220
Iso-butanol	1197	Isopropylbenzene	1221
Isobutenyl methyl ketone	1290	4-Isopropylbenzoic acid	1222
Isobutyl acrylate	39	Isopropylbromide	1223
Isobutyl alcohol	1197	Isopropylcarbinol	1197
Isobutylacetate	1200	Isopropyldecalin	1224
Isobutylamine	1398	Isopropylidene acetone	1290
Isobutylmethylcarbinol	1343	Isopropyl-m-cresol	1886
Isobutylmethylmethanol	1343	Isopropyl-N-(3-chlorophenyl)carbamate	549
N-Isobutylmorpholine	1201	Isopropyl-naphthalene	1225
Isobutyraldehyde	1393	Isopropyl-N-phenylcarbamate	1218
Isobutyronitrile	1202	p-Isopropyltoluene	624
Isocyanic acid, 2-methyl-meta-phenylene ester	1893	Isoprotiolane	1226
Isocyanic acid, 4-methyl-m-phenylene ester	1892	Isoproturon	1227
Isocyanic acid, methylphenylene ester	1892	Isovaleraldehyde	1374
Isocyanuric acid	1203	Juvabiol	1228
Isodrin	1204	Juvabione	1229
Isofenphos	1205	Kanechlor 500	1230
Isohexyl alcohol	1333	Karbutilate	1231
Isol	1160	Kasugamycin	1232
Isooctanol	1206	Kelthane	712
Isooctyl alcohol	1206	Kepon	1233
Isopentanol	1332	Ketohexamethylene	607
Isophorone	1207	Ketopentamethylene	621
Isophthalic acid dimethyl ester	1208	Kitazin	1234
Isophthalic acid	1209		

Lactonitrile	1235	Malachite green	1259
Landrine	1236	Malaoxon	1260
Lanthanum and lanthanum compounds	1237	Malathion	1261
Larvin	1238	Maleic acid	1262
LAS	1254	Maleic acid anhydride	1263
Lauric acid	969	Maleic anhydride	1263
Lauryl dimethyl amine	1239	Maleic hydrazine	1264
Laurylguanidine acetate	974	Malononitrile	1265
Lauryllactam	1240	Mancofol	1266
N-Layroyl sarcosine sodium salt	1241	Mancozeb	1266
Layryl nitrate	1466	Maneb	1267
Lead acetate	1242	Maneba *	1267
Lead and lead compounds	1243	Manganese and manganese compounds	1268
Lead carbonate	1244	Manganese carbonate	1269
Lead carbonate, basic	1244	Manganese chloride	1270
Lead chloride	1245	Manganese oxide	1272
Lead flake	1244	Manganese sulfate	1271
Lead nitrate	1246	Manganese(2+) sulfate	1271
Lead orthoplumbate	1248	Manganese(II) sulfate	1271
Lead oxide	1248	Manganeseethylene-1,2-bis- dithiocarbamate	1267
Lead stearate	1247	Manganousethylenebis- (dithiocarbamate)	1267
Lead subcarbonate	1244	Manna sugar	1273
Lead tetraethyl	1856	Mannite	1273
Lead tetraoxide	1248	D-Mannitol	1273
Lead tetroxide	1248	Manzeb	1266
Lebaycid	1058	Matrigan *	781
Lenacil	1249	MCB	488
Leptofos	1250	MCPA	1274
Leptophos	1250	MCPB	1275
Levopimaric acid	1653	Mediben	707
Limonene	1251	Mefluidide	1276
Lindane	1252	MEK	354
Linear alkylbenzene	1253	Melamine	1909
Linear alkylbenzene sulfonate	1254	Meldane	569
Linevol	1255	Menadione	1277
Linuron	1256	1,4-p-Menthadiene	1278
Lithium and lithium compounds	1257	Menthol	1279
Lontrel 100 *	781	2-Mercapto benzothiazole	1280
Lorsban	811	2-Mercapto imidazoline	1021
M 3724	1092	2-Mercapto imidazoline	1281
Magnesium and magnesium compounds	1258	Mercaptoacetic acid	1879
Malachite	577		

2-Mercaptobenzimidazole	1282	2-Methoxy-2-methylpropane	1434
Mercaptodimethur	1300	1-Methoxy-3,6-dioxaoctan-8-ol	1969
Mercaptophos	1058	1-Methoxy-3-oxabutan-5-ol	830
Mercaptothiazoline	1283	4-Methoxy-4-methyl-2-pentanone	1305
Mercuric oxide	1286	1-Methoxy-4-nitrobenzene	1480
Mercuric thiocyanate	1287	2-Methoxy-4-propenylphenolmethyl-	
Mercuric(I) chloride	1284	ether	62
Mercuric(II) chloride	1285	4-Methoxyacetanilide	1309
Mercury bichloride	1285	2-Methoxyaniline	1310
Mercury chloride	1285	3-Methoxyaniline	161
Mercury compounds	1288	4-Methoxyaniline	1311
Merex	1233	2-Methoxybenzoic acid	159
Mertect *	1289	3-Methoxybenzoic acid	158
Mesityl oxide	1290	4-Methoxybenzoic acid	160
Mesitylene	1291	2-Methoxycarbamoyl-1-methylvinyl-di-	
Metallyl chloride	1292	methylphosphate	1412
Metamitron	1293	2-(Methoxycarbonylamino)	
Metasystox	1294	benzimidazole	427
Metasystox-R	1549	Methoxychlor	1312
Metazol D3T *	1295	Methoxy-DDT	1312
Methacide	1890	2-Methoxyethanol	1028
Methamidophos	1296	2-(2-Methoxyethoxy)ethanol	830
Methanal	1077	2-Methoxyethyl acetate	1029
Methanamide	1079	1-Methoxynaphthalene	1313
Methane dichloride	762	3-Methoxy-n-butanol	1306
Methanecarboxylic acid	10	3-Methoxy-n-butyl acetate	1307
Methanesulfinic acid, hydroxy-,		p-Methoxynitrobenzene	1480
monosodium salt	1782	2-Methoxyphenol	1110
Methanesulfonylchloride	1297	3-Methoxyphenol	1314
Methanetetrachloride	432	4-Methoxyphenol	1315
Methanethiol	1387	p-Methoxyphenol	1315
Methanoic acid	1081	3-(o-Methoxyphenoxy)-1,2-	
Methanol	1298	propanediol-1-carbamate	1316
Methanone (2-hydroxy-4-		1-(2-Methoxyphenyl)-2-nitroethene	1317
methoxyphenyl)phenyl-	1174	4-(Methoxyphenyl)thiourea	1318
1,3,4-Metheno-2H-cyclobuta(cd)-		4-Methoxy-tert-butyl phenol	1308
pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-		2-Methoxytetrachlorophenol	1847
decachlorooctahydro-	1233	Methyl 4-aminobenzenesulfonyl-	
Methidathion	1299	carbamate, Na-	181
Methiocarb	1300	Methyl 5-(2,4-dichlorophenoxy)-	
Methomyl	1301	2-nitrobenzoate	277
Methoprene	1302	Methyl acetate	1320
3-Methoxy nitrobenzene	1303	Methyl acetone	354
1-Methoxy-2-hydroxypropane	1304	Methyl acrylate	1321

Methyl alcohol	1298	Methyl-2,4-dihydroxybenzoate	1334
Methyl amyl ketone	1120	2-Methyl-2,4-pentenediol	1160
o-Methyl aniline	1362	Methyl-2,5-dichlorobenzoate	1335
Methyl benzimidazol-2-yl carbamate (=MBC)	427	6-Methyl-2-aminobenzothiazole- hydrochloride	1336
Methyl benzoate	1322	Methyl-2-benzoyl benzoate	1337
Methyl biphenyl	1323	2-Methyl-2-butanol	1338
Methyl butyl ketone	1155	3-Methyl-2-butanol	1339
Methyl carbamic acid,4- (dimethylamino)-3,5-xylyl ester	879	3-Methyl-2-butanone	1340
Methyl chloroacetate	1324	5-Methyl-2-hexanone	1327
Methyl ether	1325	1-Methyl-2-nitrobenzene	1509
Methyl ethylcarbinol	352	3-Methyl-2-nitrophenol	1341
Methyl ethylketone	354	5-Methyl-2-nitrophenol	1342
Methyl formate	1326	4-Methyl-2-pentanol	1343
Methyl isoamyl ketone	1327	4-Methyl-2-pentanone	1328
Methyl isobutenyl ketone	1290	2-Methyl-2-penten-4-one	1290
Methyl isobutyl ketone	1328	2-Methyl-2-phenylpropane	382
Methyl isopropyl ketone	1340	2-Methyl-2-propanol	353
Methyl methacrylate	1329	2-Methyl-2-propylethanol	1333
Methyl methanoate	1326	3-(1-Methyl-2-pyrrolidine)pyridine sulfate	1464
1-Methyl piperidine	1330	n-Methyl-2-pyrrolidone	1344
Methyl sulfaninylcarbamate	181	N-Methyl-2-toluidine	1345
3-Methyl thiophene	1331	2-Methyl-3-(4-tert- butylphenyl)propionaldehyde	1346
Methyl trichloride stannane	1408	1-Methyl-3,5-dinitrobenzene	918
Methyl(2-pentyl-3-oxo- cyclopentyl)acetate	1319	5-Methyl-3-heptanone	1347
Methyl-1-(butylcarbamoyl)-2- benzimidazole-carbamate	228	7-Methyl-3-methylene-1,6-octadiene	1348
6-Methyl-1,3-dithiolo(4,5-b)quinoxalin- 2-one	439	4-Methyl-3-nitrophenol	1475
1-Methyl-1-butanol	1580	4-Methyl-3-pentene-2-one	1290
3-Methyl-1-butanol	1332	N-Methyl-3-toluidine	1349
2-Methyl-1-nitrobenzene	1509	1-Methyl-4-(1-methylethenyl) cyclohexane	1251
2-Methyl-1-pentanol	1333	5-Methyl-4,6-dinitrobenzenamine	84
2-Methyl-1-propanol	1197	2-Methyl-4,6-dinitrophenol	900
1-Methyl-2-(3-pyridyl)pyrrolidine sulfate	1464	2-Methyl-4-chloroaniline	462
2-Methyl-2-(methylthio)propanal	51	Methyl-4-chlorobenzoate	1350
2-Methyl-2(methylthio)propionaldehyde	51	3-Methyl-4-chlorophenol	467
o-((2-Methyl-2 (methylthio)propylidene)- amino) derivative	51	2-Methyl-4-chlorophenoxyacetic acid	1274
6-Methyl-2,3-quinoxaline dithiocarbonate	439	Methyl-4-nitrobenzoate	1351
		1-Methyl-4-tert-butylbenzene	399
		Methyl-5-norbornene-2,3- dicarboxylic acid	1352

Methyl-5-norbornene-2,3-dicarboxylic acid anhydride	1353	4-Methylcyclohexane-1,2-dicarboxylic acid	1378
Methylacetaldehyde	1704	4-Methylcyclohexane-1,2-dicarboxylic acid anhydride	1379
3-Methylacetanilide	1355	4-Methylcyclohexane-1,2-dicarboxylic anhydride	1379
N-Methylacetanilide	1356	2-Methylcyclohexanone	1380
Methylacetic acid	1705	Methyldinitrobenzene	912
4-Methylacetophenone	1357	4,4'-Methylene bis(2,6-di-t-butylphenol)	1381
Methylaldehyde	1077	Methylene blue	1382
2-(Methylamino)benzoic acid	1358	Methylene chloride	762
2-(N-Methylamino)benzoic acid	1358	Methylene dichloride	762
4-(Methylamino)benzoic acid	1359	Methylene glycol	1077
p-(Methylamino)benzoic acid	1359	Methylene oxide	1077
o-((Methylamino)carbonyl)oxime	51	2,2'-Methylenebiphenyl	1069
p-Methylaminophenol	1360	2,2'-Methylenebis(6-t-butyl-4-methylphenol)	1383
4-Methylaminophenolsulfate	1361	Methylenebisthiocyanate	1384
Methylamylalcohol	1343	p, p'-Methylenedianiline	636
N-Methyl-a-naphthylcarbamate	425	Methylethene	1701
n-Methyl-a-naphthylurethan	425	2-(1-Methylethoxy) phenol methylcarbamate	1214
2-Methylaniline	1362	Methylethyl ketoxime	355
3-Methylaniline	1363	Methylethylene	1701
4-Methylaniline	1364	Methylethylketone	354
N-Methylaniline	1365	2-Methylfuran	1385
9-Methylanthracene	1366	Methylglycol acetate	1029
Methylazoxymethanol acetate	1367	5-Methylheptan-3-one	1347
Methylbenzene	1890	Methylhydrazine	1431
2-Methylbenzoic acid	1368	1-Methylhydrazine	1431
3-Methylbenzoic acid	1369	Methylisoamylketone	1327
4-Methylbenzoic acid	1370	2-Methylactonitrile	1386
4-Methylbenzyl alcohol	1371	Methylmercaptan	1387
$\alpha$ -Methylbenzylamine	1372	Methylmercuric chloride	1388
Methylbromide	1373	Methylmercury	1389
3-Methylbutanal	1374	2-Methyl-meta-phenyleneisocyanate	1893
Methylcarbamate 1-naphthol	425	N-Methyl-m-toluidine	1349
Methylcarbamic acid	51	1-Methylnaphthalene	1390
Methylcarbamic acid, 1-naphthyl ester	425	2-Methylnitrobenzene	1509
N-((Methylcarbomoyl)oxy)-thioacetimidic acid methylester	1301	3-Methylnitrobenzene	1508
Methylcarbinol	992	4-Methylnitrobenzene	1510
o-(Methylcarbomoyl)oxime	51	m-Methylnitrobenzene	1508
Methylcellosolveacetate	1029	o-Methylnitrobenzene	1509
Methylchloride	1375	p-Methylnitrobenzene	1510
3-Methylcholanthrene	1376		
Methylcyanide	14		
Methylcyclohexane	1377		

N-Methyl-N-oleoyltaurine sodium salt	1354	4-Methylthio-3,5-xylyl methyl-	
2-(1-Methyl-n-propyl)-4,6-dinitrophenol	922	carbamate	1300
2-(1-Methyl-n-propyl)-4,6-dinitrophenyl-		Methylthioalcohol	1387
2-methylcrotonate	278	Methyltoluene	2052
N-Methyl-o-toluidine	1345	Methyltrichlorostannane	1408
8-Methylparacymene	399	Metolachlor	1409
Methylparathion	1391	Metoxuron	1410
2-Methylpentane-2,4-diol	1160	Metribuzin	1411
1-Methylphenanthrene	1392	Mevinphos	1412
2-Methylphenol	585	Mexacarbate	879
3-Methylphenol	584	MIBK	1328
4-Methylphenol	586	Michlers ketone	298
o-Methylphenol	585	Mineral orange	1248
N-(3-Methylphenyl)ethanamide	1355	Mineral red	1248
4-Methylphenylene-1,3-diamine	680	Mirex	1413
Methylphenylketone	15	Mitrol 10 *	1414
N-Methylpiperidine	1330	Mitrol 48 *	1415
2-Methylpropan-1-ol	1197	MMH	1431
2-Methylpropanal	1393	Mocap	995
2-Methylpropenoic acid, ethyl ester	1394	Molinate	1416
2-Methylpropenoic acid, isopropyl ester	1395	Mono sodium 4-amino-5-hydroxy-	
2-Methylpropenoic acid, methyl ester	1329	1,3-naphthalene disulfonate	1419
2-Methylpropenoic acid, n-butyl ester	1396	Mono(2,2-dimethylhydrazide)	
2-Methylpropenoic acid, tert-butyl ester	366	succinic acid	1417
Methylpropionate	1397	N-Mono(or di)methylphenyl-N'-	
2-Methylpropyl alcohol	1197	mono(or di)methylphenyl-1,4-	
1-Methylpropyl amine	377	phenylenediamine	1418
2-Methylpropyl amine	1398	Monoallylamine	1420
4-(1-Methylpropyl)phenol	1399	Monobromomethane	1373
Methylpropylcarbinol	1580	Monobutylnaphthalene sulfonic acid	
Methylpyridine	1400	and sodium salt	1421
2-Methylpyridine	1401	Monochloroacetic acid	478
3-Methylpyridine	1402	Monochlorobenzene	488
N-Methylpyrrole	1403	Monochlorodehydroabiatic acid	1422
2-Methylquinoline	1404	Monochlorodimethylether	516
6-Methylquinoline	1405	Monochlorohydroquinone	1423
$\alpha$ -Methylsiloxy- $\omega$ -trimethylsilyl-		Monochromium oxide	558
poly(hydro=methylsiloxy)	1406	Monochromium trioxide	558
$\alpha$ -Methylstyrene	1407	Monocrotophos	1424
Methyltheobromine	412	Monoethanol amine	120
4-(Methylthio)-, O-ester with O,O-		Monoethyl adipate	1425
dimethylphosphorothioate	1058	Monoethyl biphenyl	1426
		Monoethylene glycol	1025
		Monofluoroacetic acid	1427



Monohydroxybenzene	1602	$\gamma$ -Naphthoflavone	1448
Monoisopropanolamine	89	1-Naphthoic acid	1449
Monolauryl phosphoric ester	1428	2-Naphthoic acid	1450
Monolinuron	1429	$\alpha$ -Naphthoic acid	1449
N-Monomethylamidesalt	869	1-Naphthol	1451
Monomethylamine hydrochloride	1430	2-Naphthol	1452
Monomethylhydrazine	1431	$\alpha$ -Naphthol	1451
Monophenol	1602	$\beta$ -Naphthol	1452
Monouron	568	2-Naphthol-3,6-disulfonic acid	
Mordant Black-7	1432	disodium salt	1453
Morestan *	439	1-Naphthol-4-sulfonic acid sodium salt	1454
Morpholine	1433	1,2-Naphthoquinone	1455
Morphothion	877	1,4-Naphthoquinone	1456
MS-222	117	$\alpha$ -Naphthoquinone	1456
MTBE	1434	p-Naphthoquinone	1456
Muscatox	569	1-Naphthyl acetic acid	1438
Mustard oil	60	1-Naphthyl methyl carbamate	425
N-2404	1435	1-Naphthylamine	1457
NAA	1438	2-Naphthylamine sulfonic acid	1458
Nabam	1439	2-Naphthylisobutyl ether	1459
Naled	1440	1-Naphthyl-N-methylcarbamate	425
NAOH	1783	1,4-Naphthylquinone	1456
Naphtha	1441	NBA	351
$\alpha$ -Naphthacridine	235	NCL-C55	353
1-Naphthalenamine, N-ethyl-	1005	Nellite	671
2-Naphthalenamine, N-phenyl-	1437	NFE	1519
Naphthalene	1442	Nickel and nickel compounds	1460
1-Naphthalene carboxaldehyde	1443	Nickel chloride	1461
1-Naphthalene carboxylic acid	1449	Nickel sulfate	1462
2-Naphthalene thiol	1444	Nickelous chloride	1461
Naphthalene, 1,2,3,4-tetrahydro-	1861	Nickelous sulfate	1462
1-Naphthaleneacetic acid	1438	Niclosamide	225
2,6-Naphthalenedicarboxylic acid	1445	Nicotine	1463
1,4-Naphthalenedione	1456	Nicotine sulfate	1464
1-Naphthalenesulfonic acid, 4-amino-, monosodium salt	1447	Nicotinyl alcohol	1731
2-Naphthalenesulfonic acid, 5-amino-, sodium salt	1790	Niobe oil	1322
2-Naphthalenesulfonic acid, 7,7'- (carbonyldiimino)bis-(4-hydroxy-	1446	Nitrapyrin	472
Naphthalin	1442	Nitric acid	1465
Naphthanthracene	232	Nitric acid, cadmium salt	410
Naphthene	1442	Nitric acid, copper (2+) salt	578
Naphthionic acid sodium salt	1447	Nitric acid, dodecyl ester	1466
		Nitric acid, sodium salt	1785
		Nitric acid, zinc salt	2065
		Nitriloacetic acid	1467

1,1',1''-Nitrilotris-2-propanol	2021	2-Nitro-p-cresol	1474
Nitrite ion	1468	3-Nitro-p-cresol	1475
4-Nitro-1,2-diaminobenzene	1469	Nitrophen	779
5-Nitro-2-cresol	1470	Nitrophen	779
4-Nitro-3-(trifluoromethyl)phenol	1973	2-Nitrophenol	1497
2-Nitro-4-cresol	1474	3-Nitrophenol	1498
2-Nitroaniline	1476	4-Nitrophenol	1499
3-Nitroaniline	1477	m-Nitrophenol	1498
4-Nitroaniline	1478	o-Nitrophenol	1497
p-Nitroaniline	1478	p-Nitrophenol	1499
2-Nitroanisole	1479	p-Nitrophenyl phenylether	1500
4-Nitroanisole	1480	p-Nitrophenyl-2,4,6-trichlorophenyl ether	521
m-Nitroanisole	1303	4-Nitrophenylmethyl ether	1480
o-Nitroanisole	1479	3-Nitrophthalic acid	1501
Nitrobenzene	1481	1-Nitropropane	1502
m-Nitrobenzene	905	2-Nitropropane	1503
m-Nitrobenzenesulfonic acid, sodium salt	1763	4-Nitropyridine	1504
5-Nitrobenzimidazole	1482	n-Nitrosodiethylamine	1505
2-Nitrobenzoic acid	1483	n-Nitrosodiphenylamine	1506
3-Nitrobenzoic acid	1484	$\beta$ -Nitrostyrene	1507
4-Nitrobenzoic acid	1485	2-Nitrotoluene	1509
m-Nitrobenzoic acid	1484	3-Nitrotoluene	1508
o-Nitrobenzoic acid	1483	4-Nitrotoluene	1510
3-Nitrobenzonitrile	1486	m-Nitrotoluene	1508
4-Nitrobenzonitrile	1487	o-Nitrotoluene	1509
5-Nitrobenzotriazole	1488	p-Nitrotoluene	1510
2-Nitrochlorobenzene	519	3-Nitrotoluol	1508
m-Nitrochlorobenzene	468	Nitrous acid, sodium salt	1791
p-Nitrodiphenyl ether	1500	Nitroxanthic acid	1645
Nitroethane	1489	Nitryl hydroxide	1465
Nitrofen	779	Nonacosane	1513
Nitrofurazone	1490	Nonadecanenitrile	1511
Nitrogen dioxide	1491	n-Nonadecanenitrile	1511
5-Nitroindole	1492	Nonadecyl amine	1512
5-Nitrokinoline	1493	Nonaeicosane	1513
6-Nitrokinoline	1494	Nonane	1514
4-Nitro-m-cresol	1471	Nonanenitrile	1538
6-Nitro-m-cresol	1342	n-Nonanenitrile	1538
Nitromethane	1495	1-Nonanol	1515
1-Nitronaphthalene	1496	Nonanonitrile	1538
4-Nitro-o-anisidine	1472	1-Nonen-2-ylsuccinic acid anhydride	1517
5-Nitro-o-cresol	1470	1-Nonene	1516
2-Nitro-p-anisidine	1473	$\beta$ -n-Nonenylsuccinic anhydride	1517

Nonyl alcohol	1515	p-Octyldiphenylamine	1539
Nonyl phenol	1518	n-Octylic acid	423
Nonylphenol	1518	4-Octyloxy-2-hydroxybenzophenone	1540
4-Nonylphenol	1518	4-Octylphenol	1541
p-Nonylphenol	1518	p-Octylphenol	1541
Nonylphenol ethoxylates	1519	Di-n-Octylphthalate	924
Norbormide	1520	Oil of bitter almonds	236
Norflurazon	1521	Oleic acid	1542
Normal butyl alcohol	351	Omacide-24 *	1543
Normal-propyl carbinol	351	Optunal	1544
Norvalamine	376	Orthene	6
NRDC 107	279	Orthoarsenic acid	173
N-serve	472	Orthophosphoric acid	1634
N-serve nitrogen stabilizer	472	Osmitrol	1273
1,2,4,5,6,7,8-Octachloro-3a,4,7,7a-tetrahydro-4,7-endomethano-indene	441	3-Oxa-1,5-pentanediol	825
1,2,4,5,6,7,8-Octachloro-4,7-methano-3a,4,7,7a-tetrahydro-indane	441	7-Oxabicyclo(2,2,1)heptane-2,3-dicarboxylic acid	1545
2,3,3,3,2',3',3'-Octachloro-di-propylether	1522	7-Oxabicyclo(2,2,1)heptane-2,3-dicarboxylic acid, disodium salt	984
Octachloronaphthalene	1523	Oxadiazon	1546
Octachlorostyrene	1524	Oxalic acid	1547
Octachlorovinylbenzene	1524	Oxane	1020
Octadecanethiol	1525	3-Oxapentane-1,5-diol	825
Octadecenylsuccinic acid	1526	2-Oxetanone	1703
Octadecenylsuccinic anhydride	1527	$\alpha,\beta$ -Oxidoethane	1020
Octadecyl methacrylate	1528	Oxirane	1020
Octadecylisocyanate	1530	5-Oxo-3,4-dichloro-1,2-dithiol	713
N-n-Octadecyl-N,N-dimethyl amine	1529	Oxomethane	1077
1,6-Octadiene, 7-methyl-3-methylene-	1348	2-Oxopyridine	1186
Octamethylpyrophosphoramide	1531	Oxybenzene	1602
Octane	1532	1,1'-Oxybis(2-chloro)ethane	289
Octanoic acid	423	Oxybis(tributyltin)	1924
Octanol	1533	1,1'-Oxybisethane	1001
1-Octanol	1533	2,2'-Oxybisethanol	825
2-Octanol	1534	Oxycarboxin	1548
n-Octanol	1533	Oxydemeton-methyl	1549
2-Octanone	1535	2,2'-Oxydiethanol	825
3-Octanone	1536	Oxymethylene	1077
n-Octoic acid	423	Oxyphenic acid	437
Octyl acrylate	1537	Ozone	1550
Octyl cyanide	1538	PAA	1588
1-Octyl cyanide	1538	Palmitic acid	1551
n-Octyl cyanide	1538	Palustric resin acid	1552
		PAN	1594

Panacide *	1553	2-Pentanone	1582
Para-acetaldehyde	1986	3-Pentanone	1583
Paraclox R 80 *	1554	Pentiformic acid	421
Paraffin	1555	n-Pentyl alcohol	148
Paraformaldehyde	1556	p-(tert-Pentyl)phenol	1584
Paraquat	1557	Pentylamine	1585
Paraquat chloride	1557	2-Pentylanthraquinone	1586
Parathion	816	Pentylchloride	151
Parathion-ethyl	816	$\alpha$ -Pentylcinnam aldehyde	1587
PCB	1558	Pentylformic acid	421
PCB Aroclor 1016 *	1559	Peracetic acid	1588
PCB Aroclor 1221 *	1560	Perchlorocyclopentadiene	1133
PCB Aroclor 1232	1561	Perchloroethane	1134
PCB Aroclor 1242 *	1562	Perchloroethene	1846
PCB Aroclor 1248 *	1563	Perchloroethylene	1846
PCB Aroclor 1254 *	1564	Perchloromethane	432
PCB Aroclor 1260 *	1565	Perfluidone	1589
PCMC	467	Perfluorotributylamine	1590
PCT	1665	Periethylenenaphthalene	4
Pebulate	1566	Permethrin	1591
Pelargonitrile	1538	Permethrin (cis-isomer)	1592
1,2,3,4,5-Pentabromo-6- chlorocyclohexane	1567	Permethrin (trans-isomer)	1593
Pentabromophenol	1568	Peroxide	1166
Pentabromotoluene	1569	Peroxyacetic acid	1588
Pentachlorobenzene	1570	Peroxyacetylnitrate	1594
Pentachlorobiphenyl	1571	Perylene	1595
Pentachloroethane	1572	Phenachlor	1953
Pentachloronitrobenzene	1741	Phenachlor	1954
Pentachlorophenol	1573	Phenacylchloride	480
1,1,2,3,3-Pentachloropropane	1574	Phenanthrene	1596
Pentadecane	1575	Phenanthrene quinone	1597
n-Pentadecane	1575	Phenazin-5-oxide	1598
Pentaerythritol	1576	Phenethylene	1815
Pentafluorophenol	1577	Phenetole	1003
Pentane	1578	Phenetole	1599
2,4-Pentanedione	1579	Phenic acid	1602
Pentanoic acid	2033	Phenmedipham	1600
n-Pentanoic acid	2033	Phenobarbital	1601
1-Pentanol	148	Phenol	1602
2-Pentanol	1580	Phenol alcohol	1602
3-Pentanol	1581	Phenol methyl ether	162
tert-Pentanol	1338	Phenol trinitrate	1645
1-Pentanolacetate	150	Phenol, 2,2'-methylenebis- (6-(1,1-dimethylethyl)-4-methyl-	1383

Phenol, 4,4'-methylenebis(2,6-bis(1,1-dimethylethyl)-	1381	Phenylethanenitrile	1611
Phenothiazine	1603	Phenylethanoic acid	1616
1-Phenoxy-2,3-epoxypropane	1620	1-Phenylethanol	1617
Phenoxyacetic acid	1604	2-Phenylethanol	1618
3-Phenoxybenzyl-cis, trans-3-(2,2-dichlorovinyl)-	1591	Phenylethene	1815
Phenthoate	868	Phenylether	934
Phenyl allylic alcohol	562	2-Phenylethyl amine	1619
Phenyl benzoate	1605	S-Phenylethylalcohol	1618
Phenyl hydrate	1602	Phenylethylene	1815
Phenyl hydride	238	Phenylethylmalonylurea	1601
Phenyl hydroxide	1602	Phenylglycidyl ether	1620
2-Phenyl phenol	1606	Phenylic acid	1602
Phenyl salicylate	1607	Phenylic alcohol	1602
3-Phenyl-1,1-dimethylurea	1060	Phenylmercuryacetate	1621
3-Phenyl-1-propen-1-ol	562	Phenylmethane	1890
1-Phenyl-3-pyrazolidone	1608	Phenylmethanol	1615
N-Phenylacetamide	9	Phenylmethyl alcohol	1615
Phenylacetate	1610	2-(Phenylmethyl)pyridine	1622
Phenylacetoneitrile	1611	3-(Phenylmethyl)pyridine	1623
2-Phenylacetoneitrile	1611	Phenylmethylketone	15
Phenylacridinium thiocyanate	1612	N-Phenyl-N,N-dimethylurea	1060
$\beta$ -Phenylacrolein	560	o-Phenylphenol	1606
Phenylamine	153	p-Phenylphenol	1624
Phenylamine-hydrochloride	154	Phenylphosphinic acid	1625
1-(N-Phenylamino)naphthalene	1613	2-Phenylpropane	1221
2-(N-Phenylamino)naphthalene	1437	3-Phenylpropenal	560
4-Phenylazophenol	1614	3-Phenylpropenoic acid	561
Phenylbarbital	1601	2-Phenylpyridine	1626
Phenylbromide	319	3-Phenylpyridine	1627
1-Phenylbutane	380	4-Phenylpyridine	1628
2-Phenylbutane	381	Phenylurea	1629
Phenylcarbinol	1615	Phenyl-xylolmethane	1609
Phenylchloride	488	Phorate	1630
Phenylchloroform	260	Phorone	1631
Phenylcyanide	256	Phos-chek	1632
Phenyldimethylurea	1060	Phosdrin	1412
m-Phenylenediamide	674	Phosfolan	1633
o-Phenylenediamine	673	Phosmet	1191
p-Phenylenediamine	675	Phosphamide	869
m-Phenylenedichloride	737	Phosphamidon	474
o-Phenylenediol	437	Phospholan	1633
N-Phenylethanamide	9	N-(Phosphonomethyl)glycine	1105
		Phosphoric acid	1634
		Phosphoric acid, diammonium salt	1632

Phosphoric acid, dimethyl ester, ester with 2-chloro-N,N-diethyl-3-hydroxycrotonamide	474	2-Pinene	1654
Phosphoric acid, trisodium salt	1635	Piperazine	1655
Phosphorodithioic acid, O,O-dimethylester, s-ester with 2-mercapto-N-methylacetamide	869	Piperidine	1656
Phosphorothioic acid, O,O-Dimethyl-, O-(4-methylthio)-m-tolyl) ester	1058	Piperidine, 1,1'-(tetrathiodi-carbonothioyl)bis-	932
Phosphorotrithioic acid, S, S, S-tributyl ester	1901	Piperonal	1657
Phosphorous acid, trioctadecyl ester	2026	Pirimicarb	1658
Photoaldrin	1636	Piror P 72 *	1659
Photoheptachlor	1637	Pivalic acid	1660
Photoisodrin	1638	Platinum and platinum compounds	1661
Phoxim	1639	Poly(1,3-butanediol, adipic acid)ester	1662
Phthalazine	1640	Poly(degree of polymerization=10)-oxyethylene p-nonylphenyl ether	1663
p-Phthalic acid	1831	Poly(methylene ether)	1664
Phthalic acid anhydride	1641	Polychlorinated biphenyls	1558
Phthalic acid, bis(2-ethylhexyl) ester	832	Polychlorinated triphenyls	1665
Phthalic acid, dialkyl (C7-9) ester (Linevol 79)	1255	Polychlorobiphenyl (Cl = 2)	1666
Phthalic acid, dibutyl ester	698	Polychlorobiphenyl (Cl = 3)	1667
Phthalic acid, dinonyl ester	920	Polychlorobiphenyl (Cl = 4)	1668
Phthalic acid, dioctyl ester	924	Polychlorobiphenyl (Cl = 6)	1669
Phthalic anhydride	1641	Polychloronaphthalene (Cl = 3-5)	1670
o-Phthalonitrile	1642	Polydimethylsiloxane	1671
Phygon	714	Polyethylene glycol	1672
Physostigminesulfate	1643	Polyethylene glycol monomethylether (n = 4 or 5)	1673
Picloram	1644	Polyformaldehyde	1556
2-Picoline	1401	Polyoxyethylene	1672
$\beta$ -Picoline	1402	Polyoxyethylene dodecyl ether	1674
$\gamma$ -Picoline	1400	Polyoxyethylene p-nonylphenyl ether	1519
Picric acid	1645	Polypropylene glycol	1675
Picronitric acid	1645	Polyram	1676
Pigment Blue-15	1646	Polystyrene (average molecular weight ca. 800)	1677
Pigment Green-7	1647	Polyvinyl alcohol	1678
Pigment Orange-13	1648	Potash	1680
Pigment Red-53	1649	Potassium and potassium compounds	1679
Pigment Red-57-9	1650	Potassium carbonate	1680
Pigment Yellow-12	1651	Potassium chloride	1681
Pilocarpine-HCl	1652	Potassium chromate	1682
Pimaric acid	1653	Potassium chromic sulfate	1683
		Potassium cyanide	1684
		Potassium dichromate	1685
		Potassium hydrate	1686
		Potassium hydroxide	1686

Potassium monochloride	1681	2-Propenyl isothiocyanate	60
Potassium nitrate	1687	Propenylalcohol	64
Potassium permanganate	1688	2-Propenylamine	1420
Potassium ricinoleate	1689	2-Propenylamine	65
Potassium sulfate	1690	2-Propenylethanoate	63
Potassium thiocyanate	1691	((2-Propenyloxy)methyl)oxirane	69
Potassium-N-hydroxymethyl-N-methylthiocarbamate	1692	2-Propenyloxy-2,3-epoxypropane	69
Preglone	841	Propfos	995
Primene JM-T *	1693	Propiolactone	1703
Princep	1761	$\beta$ -Propiolactone	1703
Profume	1373	Propionaldehyde	1704
Prometone	1694	Propione	1583
Prometryne	1695	Propionic acid	1705
Propachlor	1696	Propiophenone	1706
Propan-2-ol	1212	Propoxur	1214
Propanal	1704	Propyl alcohol	1699
(S)-(+)-Propane-1,2-diol	1697	sec-Propyl alcohol	1212
1,2-Propanediol	1710	1-Propylacetate	1707
1,3-Propanediol	1993	n-Propylacetate	1707
1,2,3-Propanetriol	1101	Propylacetic acid	2033
Propanil	1698	n-Propylbenzene	1708
Propanoic acid, ethyl ester	1044	Propylcarbinol	351
2-Propanol	1212	n-Propylcyanide	405
n-Propanol	1699	s-Propyldipropyldithiocarbamate	1709
2-Propanol, 1,3-dichloro-, phosphate (3:1)	1090	Propylene	1701
2-Propanone	13	Propylene dichloride	784
2-Propanoneoxime	16	Propyleneglycol	1710
Propargyl alcohol	1700	Propyleneoxide	1702
2-Propen-1-ol	64	Propylenetetramer	1711
2-Propenal	36	Propylenetrimer	1516
Propenamide	37	2-Propyn-1-ol	1700
Propene	1701	1-Propyne-3-ol	1700
1-Propene	1701	3-Propynol	1700
2-Propenenitrile	40	2-Propynyl alcohol	1700
Propeneoxide	1702	Propyzamide	1712
Propenoic acid	38	Prothiocarb	1713
Propenoic acid, ethyl ester	998	Proxel PL *	1714
Propenoic acid, isobutyl ester	39	PTBBA	383
Propenoic acid, methyl ester	1321	PTBT	399
Propenoic acid, n-butyl ester	374	1,3-Pthalandione	1641
Propenol-3	64	Pydraul 50 E	1715
3-Propenoxy-1,2-propanediol	1100	Pydraul 50E	1715
		2H-Pyran-2,4(3H)-dione, 3-acetyl-6-methyl-	649

Pyrazon	1716	Quilan	371
Pyrazoxon	1717	Quinaldic acid	1740
Pyrene	1718	Quinalphos	1738
Pyrethrin	1719	Quinoline	1739
3-Pyridinamine	133	2-Quinoline carboxylic acid	1740
4-Pyridinamine	134	Quinoline-2-carboxylic acid	1740
Pyridine	1720	8-Quinolinol	1054
2-Pyridine carboxaldehyde	1721	Quinone	258
3-Pyridine carboxaldehyde	1722	Quintozene	1741
Pyridine-2,5-dicarboxylic acid	1723	R-40244	1742
Pyridine-2,5-dicarboxylic acid dipropyl	1724	RE 5454	1743
2-Pyridinecarbonitrile	1725	Reactive Black-5	1744
3-Pyridinecarbonitrile	1726	Red Base NTR	462
2-Pyridinecarboxylic acid	1727	Red lead oxide	1248
3-Pyridinecarboxylic acid	1728	Red oxide of iron	1196
2,6-Pyridinedicarboxylic acid	1729	Reglon	841
2,5-Pyridinedicarboxylic acid, dipropyl ester	1724	Reglone	841
2-Pyridinemethanol	1730	Reglox	841
3-Pyridinemethanol	1731	Resistox	569
2-Pyridinol	1186	Resmethrin	1745
3-Pyridinol	1187	Resorcin	1746
2-Pyridinone	1186	Resorcine	1746
2(1H)-Pyridinone	1186	Resorcinol	1746
3-Pyridol	1187	Rhodamine	1747
2-Pyridone	1186	Rogon	869
2(1H)-Pyridone	1186	Ro-neet	598
$\alpha$ -Pyridone	1186	Ronnel	1051
1-(3-Pyridyl)-2-nitropropene	1732	Rotenone	1748
3-Pyridylamine	133	Rotox	1373
4-Pyridylamine	134	Roundup *	1749
$\alpha$ -Pyridylamine	132	(RS)- $\alpha$ -cyano-3-phenoxybenzyl	
2-Pyridylcarbinol	1730	(1RS, 3RS, 1RS, 3SR)-3-(2,2-di-chloro- vinyl)-2,2-dimethylcyclopropane- carboxylate	625
Pyridylmethyl(methylthiophenyl)- carbamate	1733	RYH-86	713
3-Pyridylmethyl-N-4'-nitrophenyl- carbamate	1734	Salicylal	1750
Pyrocatechol	437	Salicylaldehyde	1750
Pyrogallol	1735	Salicylic acid	1751
Pyrophosphoric acid, tetraethyl ester	1858	Salicylic acid methylether	159
Pyrrole	1736	SAS 2074	439
2-Pyrrolidone	1737	SBA	352
Pyrrolylene	348	SD 14114	1050
		SD 3450	1752
		sec-act.Amylalcohol	1580



secondary Butylalcohol	352	Sodium dodecylbenzene sulfonate	1779
Selenium and selenium compounds	1753	Sodium fluoride	1780
Selenium dioxide	1754	Sodium fluoroacetate	1781
Sevin	425	Sodium formaldehyde sulfoxylate	1782
Siduron	1755	Sodium hydrate	1783
Silicic acid, disodium salt	1756	Sodium hydrogen sulfide	1802
Silver chloride	1757	Sodium hydrosulfide	1802
Silver compounds	1758	Sodium hydroxide	1783
Silver nitrate	1759	Sodium hypochlorite	1784
Silver sulfide	1760	Sodium lauryl sulfate	1786
Simazine	1761	Sodium lauryl sulfonate	1787
Simazol	135	Sodium mercaptan	1802
Slimacide V10 *	1762	Sodium m-nitrobenzenesulfonate	1763
Soda ash	1772	Sodium molybdate	1788
Soda lye	1783	Sodium naphthenate	1789
Sodium 2,2-dichloropropionate	788	Sodium naphthionate	1790
Sodium 3-nitrobenzene sulfonate	1763	Sodium nitrite	1791
Sodium 4,4'-diamino-2,2'-stilbene disulfonate	1764	Sodium oxalate	1792
Sodium 4-nitrochlorobenzene sulfonate	1765	Sodium pentachlorophenol	1793
Sodium $\alpha,\alpha$ -dichloropropionate	788	Sodium phosphate	1635
Sodium acetate	1766	Sodium phosphate, anhydrous	1635
Sodium acid arsenate	949	Sodium phosphate, tribasic	1635
Sodium alkyl (branched type, C = 10-15) benzenesulfonate	313	Sodium polyoxyethylene monoalkyl ether sulfate	1794
Sodium alloxidine	1767	Sodium propionate	1795
Sodium aluminium fluoride	588	Sodium salt of chloromethylsulfonamide tetrachlorodiphenylether derivatives	1796
Sodium and sodium compounds	1768	Sodium salts of phenolsulfonic acid	1797
Sodium arsenate	175	Sodium selenate	1798
Sodium arsenate	949	Sodium selenite	1799
Sodium benzenesulfinic acid	1769	Sodium silicate	1756
Sodium bicarbonate	1770	Sodium stearate	1800
Sodium bichromate	1776	Sodium sulfate	1801
Sodium bisulfide	1802	Sodium sulfhydrate	1802
Sodium bromide	1771	Sodium sulfide	1802
Sodium carbonate	1772	Sodium trichloroacetate	1804
Sodium chloride	1773	Sodium vanadate	1805
Sodium cyanide	1774	Sodium(I) nitrate	1785
Sodium deoxycholate	1775	Sodium= $\alpha$ -sulfonate- $\omega$ -nonylphenoxy-polyoxyethylene (the polymerization grade 6)	1803
Sodium dichromate	1776	Sodium-4-nitro-3-trifluoromethyl-phenolate	1871
Sodium diisopropyl naphthalene sulfonate	1777		
Sodium dinaphthyl methane disulfonate	1778		

Sodiumhydrogen arsenate	949	Sulfuric acid, dipotassium salt	1690
Sodiummetasilicate	1756	Sulfuric acid, manganese(II) salt	1271
Solvent Red-24	1806	Sulfuric acid, zinc salt	2068
Sorbic acid	1142	Sulfurous acid anhydride	1821
Sorbitan lauric acid monoester	1807	Sulfurous anhydride	1821
Sorbitan monolaurate	1807	Sulfurous oxide	1821
Sorbitan monooleate	1808	Sulphenone	534
Sorbitan oleate	1808	Sulphos	816
Sorbitan oleic acid monoester	1808	Sumicidin *	1824
Sorbitan palmitic acid monoester	1809	Syllit	974
Sorbitan, mono-9-octadecenoate, (Z)-	1808	Sylvic acid	2
Sorbitan, monododecanoate	1807	Systox	652
Sorbitol	1098	2,4,5-T	1825
d-Sorbitol	1098	2,4,6-T	1954
Ss2074	439	t-Butyl hydroxide	353
Stannous chloride	1810	Tafasan	450
Stearic acid	1811	TBA	353
Strobane	1812	TCA	1927
Strychnine	1813	TCA (Na-)	1804
Strychnine sulfate	1814	TCDD	1826
Styphnic acid	2000	TCE	1941
Styrene	1815	2,4,6-TCP	1954
Styrene oxide	1816	2,4,5-TCPPA	1827
Styrol	1815	2,4-TDI	1892
Styrole	1815	2,6-TDI	1893
Styrolene	1815	TEDP	1819
Styryl carbinol	562	TEL	1856
Succinic 1,1-dimethyl hydrazide	1417	Tellurium and tellurium compounds	1828
Succinic acid 2,2-dimethylhydrazide	1417	Telvar	568
Sulfanilic acid	157	Temephos	1
Sulfite	1817	Tenoran	546
Sulfolane	1818	TEPP	1858
Sulfotep	1819	Terbutryne	1829
Sulfoxaline	1818	Terbutylazin	1830
Sulfur chloride	1820	Terbutylazine	1830
Sulfur dioxide	1821	Terephthalonitrile	798
Sulfur Green-14	1822	Terephthalic acid	1831
Sulfur monochloride	1820	Terephthalic acid, dimethyl ester	1832
Sulfur oxide	1821	Terphenyl	1833
Sulfur subchloride	1820	$\alpha$ -Terpineol	1834
Sulfuric acid	1823	1,1,2,2-Tetrabromoethane	24
Sulfuric acid disodium salt	1801	sym-Tetrabromoethane	24
Sulfuric acid, aluminum salt	77	Tetrabutoxy titanate	1835
Sulfuric acid, diammonium salt	137	Tetrabutyl tin	1836

Tetrabutylstannane	1836	Tetrahydronaphthalene	1861
1,1,2,2-Tetrachloro-1,2-difluoroethane	1837	Tetrahydro-p-dioxin	929
2,2',3,3'-Tetrachloro-4,4'-diaminodiphenylmethane	1838	cis-1,2,3,6-Tetrahydrophthalic acid anhydride	1862
1,2,3,4-Tetrachlorobenzene	1840	Tetrahydrothiophene-1,1-dioxide	1818
1,2,3,5-Tetrachlorobenzene	1841	Tetraisopropoxy titanate	1863
1,2,4,5-Tetrachlorobenzene	1842	Tetralinhydroxyperoxide	1864
s-Tetrachlorobenzene	1842	Tetramethyl lead	1865
Tetrachlorocatechol	1843	1,2,3,4-Tetramethylbenzene	1866
2,3,7,8-Tetrachlorodibenzo-1,4-dioxine	1826	1,2,4,5-Tetramethylbenzene	1867
2,3,7,8-Tetrachlorodibenzo-p-dioxine	1826	Tetramethylenedicyanide	43
Tetrachlorodiphenylethane	634	Tetramethylenedisulfoamine	1868
1,1,1,2-Tetrachloroethane	1844	Tetramethyleneglycol	350
1,1,2,2-Tetrachloroethane	1845	Tetramethylenesulfone	1818
s-Tetrachloroethane	1844	O,O',O',O'-Tetramethyl-O,O-thiodi-p-phenylene phosphorothioate	1
Tetrachloroethene	1846	Tetramethylthiuram disulfide	1885
Tetrachloroethylene	1846	Tetramethylthiuram monosulfide	1869
1,1,2,2-Tetrachloroethylene	1846	Tetraphene	232
Tetrachloroguaiacol	1847	Tetrapropylenebenzenesulfonate	1870
3,4,5,6-Tetrachloroguaiacol	1847	Tetrapropylenebenzenesulfonic acid	1870
Tetrachloroisophthalonitrile	541	TFM	1871
Tetrachloromethane	432	Thallium acetate	1872
2,3,4,5-Tetrachloronitrobenzene	1848	Thallium and thallium compounds	1873
2,3,5,6-Tetrachloronitrobenzene	1849	Thallium sulfate	1874
Tetrachloro-p-benzoquinone	1839	Theine	412
2,3,4,5-Tetrachlorophenol	1850	THF	1859
2,3,4,6-Tetrachlorophenol	1851	Thiameton	877
2,3,5,6-Tetrachlorophenol	1852	1-(2-Thienyl)-2-nitroethene	1875
Tetrachlorophthalic acid monoamide	1853	Thiobencarb	1876
Tetrachlorophthalimide	1854	4,4'-Thiobis(6-t-butyl-m-cresol)	1877
1,2,2,3-Tetrachloropropane	1855	2,2'-Thiobis-ethanol	1878
Tetrachloroquinone	1839	Thiocyclopentane-1,1-dioxide	1818
Tetraethyl lead	1856	2,2'-Thiodiethanol	1878
Tetraethyl tin	1857	Thioglycolic acid	1879
O,O,O',O'-Tetraethyldithiopyrophosphate	1819	Thiometon	877
Tetraethylenetetramine	288	Thiophanate-methyl	1880
Tetraethylplumbane	1856	Thiophene	1881
Tetraethylpyrophosphate	1858	Thiophos	816
O,O,O',O'-Tetraethyl-S,S'-methylenediphosphorodithioate)	993	Thiosemicarbazide	1882
Tetrahydro-1,4-oxazine	1433	Thiosinamine	73
Tetrahydrofuran	1859	Thiosulfurous dichloride	1820
Tetrahydrofurfuryl alcohol	1860	Thiourea	1883
		9-Thioxanthone	1884

Thiram	1885	Tremorine	1899
Thymic acid	1886	Triadimefon	1906
Thymol	1886	Triadimenol	450
Tin compounds	1887	Triallylamine	1907
Tioxide	1889	Triallylphosphate	1908
Tirama 50 *	1885	2,4,6-Triamino-1,3,5-triazine	1909
Titanium and titanium compounds	1888	Triazolamine	135
Titanium dioxide	1889	Tribenzylphosphite	1910
Titanium oxide	1889	Tribromoethene	1911
TMA	353	Tribromomethane	326
TML	1865	2,4,6-Tribromophenol	1912
TNT	2001	2,4,6-Tribromophenyl(2-methyl-2,3-dibromopropyl)ether	1913
Toluene	1890	Tri-butoxyethyl phosphate	1900
Toluene diisocyanate	1892	Tributyl phosphate	1915
Toluene diisocyanate	1893	Tributyl-1,2,4-benzene tricarboxylate	1914
4-Toluene sulfonic acid	1891	Tributylphosphate	1915
Toluene trifluoride	261	S, S, S-Tributylphosphorotrithioate	1901
Toluene-2,4-diisocyanate	1892	Tributyltin acetate	1916
Toluene-2,6-diisocyanate	1893	Tributyltin benzoate	1917
2,4-Toluenediisocyanate	1892	Tributyltin chloride	1918
2,6-Toluenediisocyanate	1893	Tributyltin fluoride	1919
4-Toluenesulfonamide	1894	Tributyltin hydroxide	1920
o-Toluenesulfonamide	1895	Tributyltin hydroxyacetate	1921
p-Toluenesulfonamide	1894	Tributyltin laurate	1922
p-Toluenesulfonate	1891	Tributyltin neodecanoate	1923
p-Toluenesulfonic acid	1891	Tributyltin oxide	1924
Toluenetrichloride	260	Tricaine	117
$\alpha$ -Toluenol	1615	Tricaine methane sulfonate	117
m-Toluic acid	1369	Tricainemethanesulfonate	117
3-Toluidine	1363	Tricarnam	425
m-Toluidine	1363	Trichlorfon	1959
o-Toluidine	1362	1,3,5-Trichloro-2-(4-nitrophenoxy)-benzene	521
p-Toluidine	1364	1,1,1-Trichloro-2,2-bis-(4-chlorophenyl)ethane	637
$\alpha$ -Tolunitrile	1611	1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane	637
Toluol	1890	1,1,1-Trichloro-2,2-di(4-methoxyphenyl)ethane	1312
o-Toluol	585	2,4,4'-Trichloro-2'-hydroxydiphenyl ether	459
m-Tolyl N-methylcarbamate	1896	1,1,1-Trichloro-2-methyl-2-propanol	1925
Tonka bean camphor	247		
Torque	1050		
Totril *	1194		
Toxaphene *	1897		
TPN-12	1898		
TPTH	2011		
Treflan	1976		

((3,5,6-Trichloro-2-pyridyl)oxy)acetic acid compound with N, N-diethylethanamine	1092	2,4,5-Trichloronitrobenzene	1947
1,2,4-Trichloro-5-nitrobenzene	1947	2,4,6-Trichloronitrobenzene	1948
Trichloroacetaldehyde	1926	Trichloronitromethane	1949
Trichloroacetate (Na-)	1804	Trichlorophenol	1950
Trichloroacetic acid	1927	Trichlorophenol	1954
2,3,4-Trichloroacetophenone	1928	1,3,5-Trichlorophenol	1954
2,3,5-Trichloroaniline	1929	2,3,5-Trichlorophenol	1951
2,4,5-Trichloroaniline	1930	2,3,6-Trichlorophenol	1952
2,4,6-Trichloroaniline	1931	2,4,5-Trichlorophenol	1953
Trichlorobenzene	1932	2,4,6-Trichlorophenol	1954
1,2,3-Trichlorobenzene	1933	3,4,5-Trichlorophenol	1955
1,2,4-Trichlorobenzene	1934	2,4,5-Trichlorophenoxyacetic acid	1825
1,2,6-Trichlorobenzene	1933	2,4,5-Trichlorophenoxypropionic acid	1827
1,3,5-Trichlorobenzene	1935	2,4,6-Trichlorophenyl 4-nitrophenyl ether	521
as-Trichlorobenzene	1934	2,3,6-Trichlorophenyl acetic acid	1956
asym-Trichlorobenzene	1934	1,2,3-Trichloropropane	1957
sym-Trichlorobenzene	1935	Trichlorotrifluoroethane	1958
unsym-Trichlorobenzene	1934	Trichlorophon	1959
2,3,6-Trichlorobenzoic acid	1936	Triclopyr	1960
1,2,4-Trichlorobenzol	1934	Triclopyr triethylamine	1092
3,4,4'-Trichlorocarbanilide	1937	Triclopyr triethylamine salt	1092
Trichloroethanal	1926	o-Tricresyl phosphate	1903
1,1,1-Trichloroethane	1938	p-Tricresyl phosphate	1961
1,1,2-Trichloroethane	1939	Tricyclohexyltin hydroxide	1962
Trichloroethanoic acid	1927	1-Tridecanol	1963
2,2,2-Trichloroethanol	1940	Tridecyl alcohol	1963
Trichloroethene	1941	Trietazine	1964
Trichloroethylene	1941	Triethanolamine	1965
1,1,2-Trichloroethylene	1941	Triethyl phosphate	1966
Trichloroethylphosphate	1942	Triethylamine	1967
Trichlorofluoromethane	1943	Triethyleneglycol	1968
4,5,6-Trichloroguaiacol	1945	Triethyleneglycol monoethylether	1969
3,4,5-Trichloroguaiacol	1944	Triethyleneglycoldi(2-ethylbutyrate)	1970
1,3,5-Trichloroisocyanuric acid	1946	Triethyllead chloride	1971
Trichloromethane	512	Triethylphosphate	1966
Trichloromethyl benzene	260	Triethyltin bromide	1972
cis-N-((Trichloromethyl)thio)-4-cyclohexene-1,2-dicarboximide	424	$\alpha, \alpha, \alpha$ -Trifluoro-2,6-dinitro-N,N-dipropyl-4-toluidine	1976
N-((Trichloromethyl)thio)-4-cyclohexene-1,2-dicarboximide	424	$\alpha, \alpha, \alpha$ -Trifluoro-4-nitro-m-cresol	1973
N-Trichloromethylthiotetrahydrophthalimide	424	5'-(Trifluoromethanesulfonamido)acet-2',4'-xylidide	1276
		3-Trifluoromethyl-4-nitrophenol	1973
		Trifluoromethylbenzene	261

3-Trifluoromethyl-chlorobenzene	1974	Tri-n-hexylchlorosilane	1902
3-(3-Trifluoromethylphenyl)-1,1-dimethylurea	1975	2,4,6-Trinitro-1,3-benzenediol	2000
1-(m-Trifluoromethylphenyl)-3-chloro-4-chloromethyl-2-pyrrolidone	1742	2,4,6-Trinitro-5-tert-butyl-1,3-xylene	1997
Trifluralin	1976	1,3,5-Trinitrobenzene	1998
Triforin	1977	sym-Trinitrobenzene	1998
Trihexylsilanol	1978	Trinitrobenzene-aniline complex	1999
2,4,6-Trihydroxy-1,3-diazine	1979	1,3,5-Trinitrophenol	1645
1,2,3-Trihydroxybenzene	1735	2,4,6-Trinitrophenol	1645
1,3,5-Trihydroxybenzene	1980	2,4,6-Trinitroresorsinol	2000
1,2,3-Trihydroxypropane	1101	2,4,6-Trinitrotoluene	2001
Triisobutylene	1981	Tri-o-cresylphosphate	1903
Triisopropyl-naphthalene	1982	Trioctyl amine	2002
Trilead tetroxide	1248	Tri-o-tolyl phosphate	1903
Trilene	1941	1,3,5-Trioxane	2003
Trimellitic anhydride	1983	s-Trioxane	2003
Trimethyl amine	1984	Triphenyl amine	2004
Trimethyl carbinol	353	Triphenyl phosphate	2005
Trimethyl methanol	353	Triphenyl chlorosilane	2006
Trimethyl phosphate	1985	Triphenylsilanol	2007
2,4,6-Trimethyl-1,3,5-trioxane	1986	Triphenyltin acetate	2008
2,2,4-Trimethyl-1,3-pentanediol	1987	Triphenyltin chloride	2009
1,5,5-Trimethyl-1-cyclohexen-3-one	1207	Triphenyltin fluoride	2010
2,4,4-Trimethyl-1-pentene	1988	Triphenyltin hydroxide	2011
N,N, N-Trimethyl-2-hydroxyethyl-ammoniumchloride	1989	Triphenyltin oxide	2011
2,2,4-Trimethyl-3-hydroxypentyl isobutyrate	1990	Tripotassium trichloride	1681
Trimethylaminomethane	378	Tripopyltin acetate	2012
1,2,3-Trimethylbenzene	1991	Tripopyltin chloride	2013
1,2,4-Trimethylbenzene	1992	Tris(1,3-dichloro-2-propyl)phosphate	1090
1,3,5-Trimethylbenzene	1291	Tris(1-chloro-2-propyl)phosphate	2014
Trimethylbenzylammonium chloride	272	Tris(1-nitroso-2-naphthol)cobalt	2015
Trimethylene chlorobromide	465	Tris(2,3-dibromopropyl)phosphate	2017
Trimethylene glycol	1993	Tris(2-chloroethyl)phosphate	2018
Trimethylenebromide chloride	465	Tris(2-ethylhexyl)benzene-tricarboxylate	2019
Trimethyllead chloride	1994	Tris(2-ethylhexyl)phosphate	2020
Trimethylolpropane	1995	1,3,5-Tris(2'-hydroxyethyl)-isocyanuric acid	2016
2,4,6-Trimethylphenol	1996	Tris(2-hydroxypropyl)amine	2021
$\alpha,\alpha,\alpha'$ -Trimethyltrimethyleneglycol	1160	Tris(phenyl, monomethylphenyl, dimethylphenyl, ethylphenyl, nonylphenyl)phosphate	2023
1,3,7-Trimethylxanthine	412	Tris(p-isopropylphenyl)phosphate	2022
Trimetion	869	Tris(polyoxypropylene)glyceryl ether (average molecular weight ca. 3000)	2024
Tri-n-butylphosphate	1915		

Tris-(tributyltin) phosphate	2025	Vinylcyanide	40
Trisodium orthophosphate	1635	Vinylethylene	348
Trisodium phosphate	1635	Vinylidene dichloride	755
Tristearylphosphite	2026	2-Vinylpyridine	2045
1,3,5-Tri-tert-butylbenzene	1904	4-Vinylpyridine	2046
2,4,6-Tri-tert-butylphenol	1905	Vinyltrichloride	1939
Triton X-405	2027	Vitavax	435
N-Tritylmorpholine	2028	Vitriol	1823
Trizinc diphosphide	2067	Vitriolic acid	1823
U 15766	2029	V-Trichlorobenzene	1933
Ucon-113 solvent	1958	Warfarin	2047
UDMH	893	Water glass	1756
Undecanol	2030	Weedazin	135
1-Undecanol	2030	Weedazol	135
Uranium and uranium compounds	2031	White lead	1244
Urea	2032	Win 29148a	2048
6,6'-Ureylene-bis(1-naphthol-3-sulfonic acid disodium salt)	1446	Xanthone	2049
Valerianic acid	2033	Xylene	2050
Valeric acid	2033	1,2-Xylene	2052
n-Valeric acid	2033	3,4-Xylene	2052
Vamidothion	2034	m-Xylene	2051
Vanadium and vanadium compounds	2035	o-Xylene	2052
Vanadium pentoxide	2036	p-Xylene	2053
Vapan	2037	Xylenol	2054
Vat Blue-1	2038	2,4-Xylenol	2055
Vendex	1050	2,5-Xylenol	2056
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Venzar *	1249	3,4-Xylenol	2058
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Versatic 10	2040	Xylidene	886
VIC-Trichlorobenzene	1933	3,4-Xylidine	885
Vinclozolin	2041	Xylogen Cu	301
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Vinyl acetate	2043	Yellow oxide of iron	1196
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4-Vinyl-1-cyclohexene	2042	Zinc and zinc compounds	2061
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Vinylbenzol	1815	Zinc dichloride	2064
Vinylcarbinol	64	Zinc dimethyldithiocarbamate	2063
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Zinc nitrate	2065
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Zincate	2068
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Abstract	This handbook has been compiled from the Data Bank of Environmental Properties of Chemicals maintained by the Finnish Environment Institute. The information is mainly derived from scientific literature, handbooks and other material at the disposal of Finnish environment authorities. The handbook contains information related to general information, physico-chemical properties, degradation, metabolism, bioaccumulation and the effects of the chemical to terrestrial and aquatic environment. The most extensive part of the report is the toxicity to aquatic organisms. Information has been gathered of 2 073 chemicals. In addition the handbook contains lists of abbreviations and exposed species (Scientific–English–Finnish) and two indexes. The other index is sorted by the name of the chemical and the other one by CAS number (Chemical Abstract Service number).	
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Julkaisun osat/ muut saman projektin tuottamat julkaisut	Nide 1: Raportin sisällys, Kemikaalien ympäristöominaisuuksia Nide 2: Lyhenteet ja selitteet, Lajiluettelo, Viitteet, Hakemistot Tietosisältö on saatavana myös CD-ROM-versiona: EnviChem 2.0, tietokantasovellus Windows-käyttöjärjestelmiin.	
Tiivistelmä	Tämä käsikirja on koottu Suomen ympäristökeskuksen Kemikaalien ympäristötietorekisterin tietosisällöstä. Tiedot rekisteriin on koottu tieteellisestä kirjallisuudesta, käsikirjoista, tietokannoista ja muista ympäristöviranomaisten käytössä olevista aineistoista. Käsikirja sisältää kemikaaliin liittyviä yleisiä tietoja, fysikaalis-kemiallisia tietoja, kemikaalin hajoamiseen liittyviä tietoja, tietoa kemikaalin metaboliasta ja kertymisestä sekä tietoa kemikaalin vaikutuksista maa- ja vesiympäristössä. Suurin yksittäinen kokonaisuus on vesieliömyrkyllisyys. Edellä mainittuja tietoja on kerätty 2 073 kemikaalista. Lisäksi käsikirja sisältää luettelot käytetyistä lyhenteistä ja mainituista lajeista (tieteellinen–englanti–suomi) sekä hakemistot kemikaalin nimen ja Chemical Abstract Service (CAS) -numeron mukaisesti järjestettynä.	
Asiasanat	Kemikaalit, toksisuus, aineenvaihdunta, hajoaminen, rikastuminen, ympäristövaikutukset, biologiset vaikutukset, hakemistot	
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# Presentationsblad

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Författare	Esa Nikunen, Riitta Leinonen, Birgit Kemiläinen och Arto Kultamaa	
Publikationens titel	Environmental Properties of Chemicals – 2nd Revised Edition	
Publikationens delar/ andra publikationer inom samma projekt	Volym 1: Rapportens innehåll, Information om kemikalier Volym 2: Förkortningar och förklaringar, Förteckning över arter, Referenser, Index Handbokens innehåll utges även som CD-ROM: EnviChem 2.0, databas-tillämpning för Windows OS.	
Sammandrag	Denna handbok har sammanställts på basis av Finlands miljöcentrals register över kemikaliers miljödata. Uppgifterna för registret har tagits från vetenskaplig litteratur, handböcker, databaser och annat material som miljöförvaltningsmyndigheterna har haft tillgång till. Handboken innehåller allmän information om kemikalier, fysikalisk-kemiska data, uppgifter om kemikaliers metabolism, beständighet och ackumulering i omgivningen samt uppgifter om kemikaliers inverkan i terrestra och akvatiska miljön. Den största enskilda helheten är toxiciteten för vattenorganismer. Uppgifter har samlats om 2 073 kemikalier. Därtill innehåller handboken listor om förkortningar och i rapporten nämnda arter (vetenskapligt-engelskt-finskt). Dessutom finns det två index sorterade enligt kemikaliers namn och CAS (Chemical Abstract Service) -nummer.	
Nyckelord	Kemikalier, toxicitet, metabolism, nedbrytning, ackumulering, miljökonsekvenser, biologiska konsekvenser, index	
Publikationsserie och nummer	Miljöhandledning 71	
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## ENVIRONMENTAL PROTECTION

### Environmental properties of chemicals • Volume 2

This handbook contains a comprehensive collection of data relating to the fate and behaviour of chemicals in the environment. The material is divided into two volumes. Volume 1 contains information on the physico-chemical properties, degradation, metabolism, bioaccumulation, toxicity and ecotoxicity of 2,073 chemicals. The most extensive part details the toxicity of chemicals to aquatic organisms. Volume 2 contains lists of abbreviations, a list of exposed species (Scientific-English-Finnish), and two indexes, one an alphabetical list of chemicals and the other a numerical list of these chemicals according to their CAS-numbers.

The handbook has been compiled from the Data Bank of Environmental Properties of Chemicals maintained by the Finnish Environment Institute. The information is derived from over 3,000 scientific publications, handbooks and other sources.

The contents of this publication are also available as a CD-ROM EnviChem 2.0, a PC database running under Windows operating systems.

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