

Appendix A

General Instructions in Case of Poisoning by UNKNOWN Chemicals

It is relatively rare in most situations where chemicals are handled to not know their nature and exact identity. But if no one is available to tell you what happened and you are unfamiliar with the situation, you must act anyway. Remember the Golden Rules:

- 1. Quickly protect yourself from exposure before attempting to rescue the victim.**
- 2. Decontaminate the victim and terminate exposure.**
- 3. Treat cessation of breathing first.**
- 4. If the heart is not beating, perform CPR.**
- 5. Treat eye injuries next.**
- 6. Treat skin contact.**
- 7. Treat shock.**
- 8. Call for help.**

Make a quick assessment of the likely route of exposure by examining the eyes, mouth, nose, and skin of the victim for signs of the chemical itself or damage it has caused such as swelling, redness, bleeding, burns, discharge of fluid or mucous, or pallor. Drooling, difficulty swallowing, a distended and painful or hard, rigid abdomen all indicate possible ingestion of a corrosive or caustic substance. If respirations are rapid, shallow, noisy or labored, suspect inhalation. If the face has been splashed with chemical, eye contact is likely.

A. Poisoning by inhalation

1. Remove the victim from exposure while protecting yourself from exposure
2. If breathing has stopped, administer artificial respiration using a bag-valve mask **DO NOT** use mouth to mouth respiration if the nature of the chemical exposure is unknown. If a bag-valve mask is not available, use the chest pressure-arm lift technique
3. Maintain an open airway.
4. Notify the Emergency Medical Service of the nature of the accident and arrange for transport to a medical facility.

B. Poisoning by ingestion

1. Remove the victim from exposure while protecting yourself from exposure.
2. Call a poison control center, emergency room or a physician for advice.
3. Notify the Emergency Medical Service of the nature of the accident and arrange for transport to a medical facility

a. If the victim is conscious:

1. Have him rinse out his mouth with water.
2. Give him 1 or 2 cups of water or milk to drink. If he becomes nauseated or cannot swallow, **STOP**.
3. **DO NOT** induce vomiting if he has abdominal pain, a distended abdomen or a rigid, hard abdomen.
4. **DO NOT** induce vomiting if he has burns in or around his mouth or if he cannot swallow.

Alternatively, if there are no signs of burns, swallowing difficulty or abdominal problems and if so advised by a physician or a poison control center.

5. Induce vomiting by giving 2 teaspoonfuls of syrup of ipecac. Follow with at least 1 cup of water **DO NOT** use milk. If you do not have syrup of ipecac, induce vomiting by asking the victim to touch the back of his throat with his finger, a spoon handle or a blunt instrument

6. Have the victim sit up or lean forward while vomiting.
7. Save the vomitus and give it to the Emergency Medical Service personnel to take to the medical facility for analysis.
8. Give the victim 1 or 2 cups of water to drink after vomiting has ceased.
9. Keep talking with him to prevent sleepiness.

b. If the victim is unconscious:

1. Lay him on his left side, bending his right hip.
2. Maintain an open airway.
3. Arrange for transport to the nearest medical facility.
4. Stand by to administer artificial respiration and CPR if needed. Be sure to wipe or rinse all traces of the chemical from in and around the victim's mouth before giving artificial respiration. **DO NOT** use mouth to mouth respiration if the nature of the chemical exposure is unknown. Alternatively, use a bag-valve mask or the chest pressure-arm lift technique.
5. If he vomits, save the vomitus and send it to the medical facility for analysis.
6. If the victim shows signs of shock (a weak, rapid pulse; pale, clammy skin; cold hands and feet) elevate his feet 8 to 12 inches and cover him with a blanket.

DO NOT give an unconscious person anything to drink.

DO NOT give anything to drink to someone who is convulsing.

C. Poisoning by skin contact

1. Remove the victim from the contaminated area, being careful to protect your lungs, skin and eyes.
2. Remove the victim's clothing, shoes, and jewelry from the affected areas, cutting them off if necessary. Do this under a shower or while flushing with water.
3. Continue to flush with water until all trace of the chemical is gone and any feeling of soapiness has disappeared also. Rinse for at least 15 minutes.

- 4 Cover the victim with a blanket or dry clothing.
- 5 Notify a physician, emergency room or poison control center of the accident and obtain advice.

a. In case of inflammation, burns, blisters or pain:

- 1 Loosely apply a dry sterile dressing if available or use a clean dry cloth
2. Notify the Emergency Medical Service of the nature of the accident and arrange for transport to a medical facility

b. If the victim is in a state of shock:

1. Lay him down on his side and cover him with a blanket
- 2 Elevate his feet.
- 3 Notify the Emergency Medical Service of the nature of the accident and arrange for transport to a medical facility.

DO NOT break open blisters or remove skin. If clothing is stuck to the skin after flushing with water, do not remove it

DO NOT rub or apply pressure to the affected skin.

DO NOT apply any oily substance to the affected skin

DO NOT use hot water.

D. Poisoning by eye contact

1. Remove the victim from the contaminated area, being careful to protect your lungs, skin and eyes
2. Act quickly. Seconds count. Flush the victim's eye(s) with clean tepid water for at least 15 minutes. Have the victim lie or sit down and tilt his head back. Hold his eyelid(s) open and pour water slowly over the eyeball(s) starting at the inner corners by the nose and letting the water run out of the outer corners

The victim may be in great pain and want to keep his eyes closed or rub them but you must rinse the chemical out of the eye(s) in order to prevent possible permanent damage.

- 3 Ask the victim to look up, down and side to side as you rinse
- 4 Call the Emergency Medical Service and arrange for transport to the nearest medical facility for examination and treatment as soon as possible. Even if there is no pain and vision is good, a physician should examine the eye(s) since delayed damage may occur.

a. If the eye(s) is painful:

1. Cover loosely with gauze or a clean, dry cloth
2. Maintain verbal and physical contact with the victim.

Appendix B

Meaning of DOT Symbols

The United States Department of Transportation (DOT) requires labeling of all hazardous materials when they are transported. The labels must appear as diamond shaped placards on the front, rear and sides of the vehicle. A four digit number appears on the label which identifies the chemical by name when looked up in the Department of Transportation's *Emergency Response Guide Book for Hazardous Materials Incidents* which is available from the U.S. Government Printing Office. The Chemical Manufacturers Association maintains a toll free "hot line" 24 hours a day, 7 days a week which can also provide help with product identification and emergency assistance. This service is called CHEMTREC. Their toll free number is (800) 424-9300.

**DEPARTMENT OF TRANSPORTATION (DOT)
LABELS AND THEIR MEANING**

If The Placard Says:	Then The Hazard Class Is:	Definition of the Class
Explosives A	Class A Explosive	Detonating or otherwise of maximum hazard
Explosives B	Class B Explosive	In general, function by rapid combustion rather than detonation and include some explosive devices such as special fireworks, flash powders, etc. <i>Flammable hazard.</i>
Dangerous	Class C Explosive	Certain types of manufactured articles containing Class A or Class B explosives, or both, as components but in restricted quantities, and certain types of fireworks. <i>Minimum hazard.</i>
Blasting Agents	Blasting Agents	A material designed for blasting that has been tested and found to be so insensitive that there is very little probability of accidental initiation to explosion or of transition from deflagration to detonation.
Combustible Liquid	Combustible Liquid	Any liquid having a flash point above 100°F and below 200°F as measured by tests in the DOT regulations

If The Placard Says:	Then The Hazard Class Is:	Definition of the Class
Corrosive	Corrosive Material	Any liquid or solid that causes visible destruction of human skin tissue or a liquid that has a severe corrosion rate on steel
Flammable	Flammable Liquid	Any liquid having a flash point below 100°F as measured by tests in the DOT regulations
Flammable Gas	Flammable Gas	Any compressed gas meeting the requirements for lower flammability limit, flammability limit range, flame projection, or flame propagation criteria as specified in DOT regulations.
"Name of Gas"	NonFlammable Gas	Any compressed gas other than a flammable compressed gas
Flammable Solid	Flammable Solid	Any solid material, other than an explosive, that is liable to cause fires through friction, retained heat from manufacturing or processing, or that can be ignited readily and when ignited burns so vigorously and persistently, that it can create a serious transportation hazard
Organic Peroxide	Organic Peroxide	An organic compound containing the bivalent -O-O- structure that may

(continued)

If The Placard Says:	Then The Hazard Class Is:	Definition of the Class
Organic Peroxide (<i>cont.</i>)	Organic Peroxide (<i>cont.</i>)	be considered a derivative of hydrogen peroxide where one or more of the hydrogen atoms have been replaced by organic radicals, must be classed as an organic peroxide unless; it classifies as an explosive A or Explosive B, the predominant hazard of the material is other than from an organic peroxide, the material is forbidden for transport; or the material will not pose a hazard in transport.
Oxidizer	Oxidizer	A substance such as chlorate, permanganate, inorganic peroxide, or a nitrate, that yields oxygen readily to stimulate the combustion of organic matter.
Poison Gas	Poison A	<i>Extremely Dangerous Poisons</i> —Poisonous gases or liquids of such nature that a very small amount of the gas, or vapor of the liquid, mixed with air is <i>dangerous to life</i> .
Poison	Poison B	<i>Less Dangerous Poisons</i> —Substances, liquids, or solids (including pastes and semi-solids), other than Class A or Irritating Materials, that are known to be so toxic to man as

If The Placard Says	Then The Hazard Class Is	Definition of the Class
Poison (<i>cont.</i>)	Poison B (<i>cont.</i>)	to afford a hazard to health during transportation; or that, in the absence of adequate data on human toxicity, are presumed to be <i>toxic to man</i>
Dangerous	Irritating	A liquid or solid substance that upon contact with fire or air gives off dangerous or intensely irritating fumes, but <i>not including any poisonous material, Class A</i>
Etiologic Agent Biomedical Material	Etiologic Agent	A viable micro-organism, or its toxin that causes or may cause human disease.
ORM	ORM-Other Regulated Materials	1. Any material that may pose an unreasonable risk to health and safety or property when transported in commerce; and 2. Does not meet any of the definitions of the other hazard classes specified, or 3. Has been reclassified an ORM (specifically or permissively) NOTE: A material with a flashpoint of 100°F to 200°F may not be classed as an ORM if it is a hazardous waste or is offered in a package having a rated capacity of more than 110 gallons.

(*Continued*)

If The Placard Says:	Then The Hazard Class Is:	Definition of the Class
ORM-A	ORM-A	A material which has an anesthetic, irritating, noxious, toxic, or other similar property and can cause extreme annoyance or discomfort to passengers and crew in the event of leakage during transportation.
ORM-B	ORM-B	A material (including a solid when wet with water) capable of causing significant damage to a transport vehicle or vessel from leakage during transportation. Materials meeting the following criterion are ORM-B materials: A liquid substance that has a corrosion rate exceeding 0.250 inch per year (IPY) on aluminum (nominal 7075-T6) at a test temperature of 103°F
ORM-C	ORM-C	A material that has other inherent characteristics not described as an ORM-A or ORM-B but which make it unsuitable for shipment, unless properly identified and prepared for transportation
ORM-D	ORM-D	A material such as a consumer commodity that, though otherwise subject to DOT regulations, presents a

If The Placard Says:	Then The Hazard Class Is:	Definition of the Class
ORM-D (cont.)	ORM-D (cont.)	limited hazard during transportation due to its form, quantity and packaging.
ORM-E	ORM-E	A material that is not included in any other hazard class, but is subject to DOT requirements. Materials in this class include hazardous wastes and hazardous substances
Spontaneously Combustible	Spontaneously Combustible Material (Solid)	A solid substance (including sludges and pastes) that may undergo spontaneous heating or self-ignition under conditions normally incident to transportation or that may, upon contact with the atmosphere, undergo an increase in temperature and ignite.
Dangerous When Wet	Water Reactive Material (Solid)	Any solid substance (including sludges and pastes) that, by interaction with water, is likely to become spontaneously flammable or give off flammable or toxic gases in dangerous quantities.

Appendix C

Glossary of Commercial and Common Pesticide Names

Name	See
AAtack	Dithiocarbamates and Thiocarbamates
Abate	Organophosphate Compounds
Abathion	Organophosphate Compounds
Acaraben	Organochlorines
Acephate	Organophosphate Compounds
Acrex	Nitrophenolic and Nitroresolic Herbicides
Acetlic	Organophosphate Compounds
Afugan	Organophosphate Compounds
Agritox	Organophosphate Compounds
Agrotec	Chlorophenoxy Compounds
Agrothion	Organophosphate Compounds
Aldicarb	Carbamates
Aldrin	Organochlorines
Aldrite	Organochlorines
Allethrin	Pyrethrins
Amaze	Organophosphate Compounds
Ambox	Nitrophenolic and Nitroresolic Herbicides
Amibush	Pyrethrins
Aminocarb	Carbamates
Amoxone	Chlorophenoxy Compounds
Anrack	Nitrophenolic and Nitroresolic Herbicides
Ansar 170 HC	Arsenicals
Ansar 529 HC	Arsenicals
Ansar 8100	Arsenicals

(continued)

Name	See
Ansar DSMA Liquid	Arsenicals
Anthio	Organophosphate Compounds
Aphox	Carbamates
Aqua-Kleen	Chlorophenoxy Compounds
Aquacide	Paraquat and Diquat
Arasan	Dithiocarbamates and Thiocarbamates
Arbhenal	Arsenicals
Arsenic	Arsenicals
Arsenic Acid	Arsenicals
Arsenic Trioxide	Arsenicals
Arsenious Oxide	Arsenicals
Arsine	Arsenicals
Arsinyl	Arsenicals
Arsenate Liquid	Arsenicals
Aspon	Organophosphate Compounds
Aspor	Dithiocarbamates and Thiocarbamates
Aules	Dithiocarbamates and Thiocarbamates
Avadex	Dithiocarbamates and Thiocarbamates
Avadex-BW	Dithiocarbamates and Thiocarbamates
Azinphos-Methyl	Organophosphate Compounds
Azodrin	Organophosphate Compounds
BH2, 4-D	Chlorophenoxy Compounds
BHC	Organochlorines
Banvel	Chlorophenoxy Compounds
Barthrin	Pyrethrins
Basagite	Nitrophenolic and Nitroresolic Herbicides
Baygon	Carbamates
Bayrusil	Organophosphate Compounds
Baytex	Organophosphate Compounds
Baythion	Organophosphate Compounds
Belmark	Pyrethrins
Benzene Hexachloride	Organochlorines
Bidrin	Organophosphate Compounds
Bisapacryl	Nitrophenolic and Nitroresolic Herbicides
Bioresmethrin	Pyrethrins
Birlane	Organophosphate Compounds
Black Leaf Grass, Weed, Vegetation Killer Spray	Pentachlorophenol
Bladafum	Organophosphate Compounds
Bo Ana	Organophosphate Compounds
Bolstar	Organophosphate Compounds
Borlyl	Organophosphate Compounds

Name	See
Bromophos	Organophosphate Compounds
Bromophos-Ethyl	Organophosphate Compounds
Brush-Rhap	Chlorophenoxy Compounds
Bueno 5	Arsenicals
Bufencarb	Carbamates
Butylate	Dithiocarbamates and Thiocarbamates
Bux	Carbamates
CAMA	Arsenicals
Cacodylic Acid	Arsenicals
Calcium Acid Methanesulfonate	Arsenicals
Calcium Arsenate	Arsenicals
Calcium Arsenite	Arsenicals
Caldon	Nitrophenolic and Nitroresolic Herbicides
Carbamut	Carbamates
Carbaryl	Carbamates
Carbazine	Dithiocarbamates and Thiocarbamates
Carbofuran	Carbamates
Carbophenothion	Organophosphate Compounds
Carzol	Carbamates
Celathion	Organophosphate Compounds
Certified Kiltrol-74 Weed Killer	Pentachlorophenol
Chem Bam	Dithiocarbamates and Thiocarbamates
Chem Pels C	Arsenicals
Chem-Sen 56	Arsenicals
Chemonite	Arsenicals
Chemax General	Nitrophenolic and Nitroresolic Herbicides
Chemax PE	Nitrophenolic and Nitroresolic Herbicides
Chemsect DNBP	Nitrophenolic and Nitroresolic Herbicides
Chemsect DNOC	Nitrophenolic and Nitroresolic Herbicides
Chupco Crab Kleen	Arsenicals
Chupco Thiram 75	Dithiocarbamates and Thiocarbamates
Chupco Turf Herbicide "D"	Chlorophenoxy Compounds
Chlordan	Organochlorines
Chlordane	Organochlorines
Chlorfenac	Chlorophenoxy Compounds
Chlorfenvinphos	Organophosphate Compounds
Chlormephos	Organophosphate Compounds
Chlorobenzilate	Organochlorines
Chlorophenothane	Organochlorines
Chloroxone	Chlorophenoxy Compounds
Chlorpyrifus	Organophosphate Compounds

(continued)

Name	See
Chlorthiophos	Organophosphate Compounds
Chrysom	Pyrethrins
Ciba-Geigy Ontrack (OS3, 4 or 5)	Pentachlorophenol
Cinerins	Pyrethrins
Clodrin	Organophosphate Compounds
Co-Ral	Organophosphate Compounds
Copper Acetoarsenite	Arsenicals
Copper Arsenite	Arsenicals
Corozate	Dithiocarbamates and Thiocarbamates
Coumaphos	Organophosphate Compounds
Counter	Organophosphate Compounds
Crab-E-Rad	Arsenicals
Cusquat	Paraquat and Diquat
Crop Rider	Chlorophenoxy Compounds
Crotothane	Nitrophenolic and Nitroresolic Herbicides
Crotoxyphos	Organophosphate Compounds
Cuman	Dithiocarbamates and Thiocarbamates
Curacron	Organophosphate Compounds
Curamyl	Organophosphate Compounds
Cyanofenphos	Organophosphate Compounds
Cyanophos	Organophosphate Compounds
Cyanox	Organophosphate Compounds
Cycloate	Dithiocarbamates and Thiocarbamates
Cygon	Organophosphate Compounds
Cyolane	Organophosphate Compounds
Cypermethrin	Pyrethrins
Cythiate	Organophosphate Compounds
Cythion	Organophosphate Compounds
D 50	Chlorophenoxy Compounds
D(2, 4-D)	Chlorophenoxy Compounds
DB(2, 4-DB)	Chlorophenoxy Compounds
DDT	Organochlorines
DDVP	Organophosphate Compounds
DEF	Organophosphate Compounds
DMA	Arsenicals
DMA 100	Arsenicals
DMA 4	Chlorophenoxy Compounds
DNAP	Nitrophenolic and Nitroresolic Herbicides
DNBP	Nitrophenolic and Nitroresolic Herbicides
DNC	Nitrophenolic and Nitroresolic Herbicides
DNOC	Nitrophenolic and Nitroresolic Herbicides
DP-2 Antimicrobial	Pentachlorophenol

Name	See
DSE	Dithiocarbamates and Thiocarbamates
DSMA	Arsenicals
Dacamine 2D/2T	Chlorophenoxy Compounds
Dacamine 4D	Chlorophenoxy Compounds
Dacamine 4T	Chlorophenoxy Compounds
Daconate 6	Arsenicals
Dal-E-Rad	Arsenicals
Dalf	Organophosphate Compounds
Dapacryl	Nitrophenolic and Nitroresolic Herbicides
Dasanit	Organophosphate Compounds
De Broussaillant 600	Chlorophenoxy Compounds
De Broussaillant Concentre	Chlorophenoxy Compounds
De-Fend	Organophosphate Compounds
De-Green	Organophosphate Compounds
Decamethrin	Pyrethrins
Ded-Weed	Chlorophenoxy Compounds
Ded-Weed Brush Killer	Chlorophenoxy Compounds
Delnav	Organophosphate Compounds
Demeton	Organophosphate Compounds
Demeton-Methyl	Organophosphate Compounds
Desiccant L-10	Arsenicals
Desomone	Chlorophenoxy Compounds
Dessin	Nitrophenolic and Nitroresolic Herbicides
Dextrone	Paraquat and Diquat
Dextrone X	Paraquat and Diquat
Dexton	Paraquat and Diquat
Di-Syston	Organophosphate Compounds
Di-Tac	Arsenicals
Dialifor	Organophosphate Compounds
Diallate	Dithiocarbamates and Thiocarbamates
Diazinon	Organophosphate Compounds
Dibrom	Organophosphate Compounds
Dicamba	Chlorophenoxy Compounds
Dicarzol	Carbamates
Dichlorfenthion	Organophosphate Compounds
Dichloroacetic Acid	Chlorophenoxy Compounds
Dichlorophenoxyacetic Acid (2, 4-)	Chlorophenoxy Compounds
Dichlorprop	Chlorophenoxy Compounds
Dichlorvos	Organophosphate Compounds
Dicofol	Organochlorines
Dicotox	Chlorophenoxy Compounds

(continued)

Name	See
Diectrophos	Organophosphate Compounds
Dieldrin	Organochlorines
Dieldrite	Organochlorines
Dienochlor	Organochlorines
Dilic	Arsenicals
Dimecron	Organophosphate Compounds
Dimethoate	Organophosphate Compounds
Dimenilan	Carbamates
Dinitro	Nitrophenolic and Nitroresolic Herbicides
Dinitro General	Nitrophenolic and Nitroresolic Herbicides
Dinitro-3	Nitrophenolic and Nitroresolic Herbicides
Dinitroresol	Nitrophenolic and Nitroresolic Herbicides
Dinitrophenol	Nitrophenolic and Nitroresolic Herbicides
Dinobuton	Nitrophenolic and Nitroresolic Herbicides
Dinocap	Nitrophenolic and Nitroresolic Herbicides
Dinofen	Nitrophenolic and Nitroresolic Herbicides
Dinopentol	Nitrophenolic and Nitroresolic Herbicides
Dinoprop	Nitrophenolic and Nitroresolic Herbicides
Dinosam	Nitrophenolic and Nitroresolic Herbicides
Dinoseb	Nitrophenolic and Nitroresolic Herbicides
Dinosulfon	Nitrophenolic and Nitroresolic Herbicides
Dinoterb	Nitrophenolic and Nitroresolic Herbicides
Dinotercbon	Nitrophenolic and Nitroresolic Herbicides
Dinoxol	Chlorophenoxy Compounds
Dioxathion	Organophosphate Compounds
Dipher	Dithiocarbamates and Thiocarbamates
Dipterex	Organophosphate Compounds
Diquat	Paraquat and Diquat
Disodium Methyl Arsonate	Arsenicals
Disulfoton	Organophosphate Compounds
Dithane (D14, M22, M45, or Z78)	Dithiocarbamates and Thiocarbamates
Dithione	Organophosphate Compounds
Dormone	Chlorophenoxy Compounds
Dotan	Organophosphate Compounds
Dow General Weed Killer	Nitrophenolic and Nitroresolic Herbicides
Dow Pentachlorophenol	Pentachlorophenol
Dow Selective Weed Killer	Nitrophenolic and Nitroresolic Herbicides
Dowicide EC-7	Pentachlorophenol
Drawinol	Nitrophenolic and Nitroresolic Herbicides
Draza	Carbamates
Drinex	Organochlorines
Drupina 90	Dithiocarbamates and Thiocarbamates

Name	See
Dursban	Organophosphate Compounds
Dyanap	Nitrophenolic and Nitroresolic Herbicides
Dytonate	Organophosphate Compounds
Dylox	Organophosphate Compounds
Dynamyte	Nitrophenolic and Nitroresolic Herbicides
E-Z-Off D	Organophosphate Compounds
EPBP	Organophosphate Compounds
EPN	Organophosphate Compounds
EPTC	Dithiocarbamates and Thiocarbamates
Escibam	Pyrethrins
Ekamet	Organophosphate Compounds
Ekatin	Organophosphate Compounds
Elgetol 30	Nitrophenolic and Nitroresolic Herbicides
Elgetol 318	Nitrophenolic and Nitroresolic Herbicides
Emerald Green	Arsenicals
Emulsamine BK	Chlorophenoxy Compounds
Emulsamine E-3	Chlorophenoxy Compounds
Endosan	Nitrophenolic and Nitroresolic Herbicides
Endosulfan	Organochlorines
Endrin	Organochlorines
Entex	Organophosphate Compounds
Envert DT, T or 171	Chlorophenoxy Compounds
Eptam	Dithiocarbamates and Thiocarbamates
Esgram	Paraquat and Diquat
Esteron 245	Chlorophenoxy Compounds
Esteron 99 Concentrate	Chlorophenoxy Compounds
Esteron Brush Killer	Chlorophenoxy Compounds
Esteron Four	Chlorophenoxy Compounds
Estone	Chlorophenoxy Compounds
Ethion	Organophosphate Compounds
Ethoprop	Organophosphate Compounds
Ethyl Parathion	Organophosphate Compounds
Ethylan	Organochlorines
Etrinfos	Organophosphate Compounds
Fac	Organophosphate Compounds
Famfos	Organophosphate Compounds
Famphur	Organophosphate Compounds
Far-Go	Dithiocarbamates and Thiocarbamates
Fenac	Chlorophenoxy Compounds
Fenamiphos	Organophosphate Compounds
Fence Rider	Chlorophenoxy Compounds

(continued)

Name	See
Fenitrothion	Organophosphate Compounds
Fenophosphon	Organophosphate Compounds
Fenothrin	Pyrethrins
Fenpropanate	Pyrethrins
Fensulfoturon	Organophosphate Compounds
fenthion	Organophosphate Compounds
Fenvalerate	Pyrethrins
Ferbam	Dithiocarbamates and Thiocarbamates
Ferberk	Dithiocarbamates and Thiocarbamates
Ferride 850	Dithiocarbamates and Thiocarbamates
Fernasan	Dithiocarbamates and Thiocarbamates
Fernesta	Chlorophenoxy Compounds
Fernimine	Chlorophenoxy Compounds
Fermaxone	Chlorophenoxy Compounds
Ferxone	Chlorophenoxy Compounds
Field Clean Weed Killer	Chlorophenoxy Compounds
Folex	Organophosphate Compounds
Fonofos	Organophosphate Compounds
Formetanate HCl	Carbamates
Formethion	Organophosphate Compounds
Formula 40	Chlorophenoxy Compounds
Forton	Chlorophenoxy Compounds
French Green	Arsenicals
Fuclasin Ultra	Dithiocarbamates and Thiocarbamates
Fuklasin	Dithiocarbamates and Thiocarbamates
Fungostop	Dithiocarbamates and Thiocarbamates
Furadan	Carbamates
G 28029	Organophosphate Compounds
Gammexane	Organochlorines
Gardon Termi Tox	Pentachlorophenol
Gardona	Organophosphate Compounds
Gebutox	Nitrophenolic and Nitroresolic Herbicides
Gramonol	Paraquat and Diquat
Griffin Manex	Dithiocarbamates and Thiocarbamates
Guthion	Organophosphate Compounds
Gypsine	Arsenicals
HCH	Organochlorines
Hedonal	Chlorophenoxy Compounds
Heptachlor	Organochlorines
Heptenophos	Organophosphate Compounds
Herb-A11	Arsenicals
Herbida1	Chlorophenoxy Compounds

Name	See
Hexadon	Organochlorines
Hexaferb	Dithiocarbamates and Thiocarbamates
Hexathane	Dithiocarbamates and Thiocarbamates
Hexathir	Dithiocarbamates and Thiocarbamates
Hexazir	Dithiocarbamates and Thiocarbamates
Hi-Yield Desiccant H-10	Arsenicals
Hostaquick	Organophosphate Compounds
Hostathion	Organophosphate Compounds
Imidan	Organophosphate Compounds
Inverton 245	Chlorophenoxy Compounds
Iodofenphos	Organophosphate Compounds
Isofenphos	Organophosphate Compounds
Isoxathion	Organophosphate Compounds
Jasmolins	Pyrethrins
Jones Anti Killer	Arsenicals
Karathane	Nitrophenolic and Nitroresolic Herbicides
Karphos	Organophosphate Compounds
Kelthane	Organochlorines
Kepone	Organochlorines
Kili-All	Arsenicals
Kiloseb	Nitrophenolic and Nitroresolic Herbicides
Klean Krop	Nitrophenolic and Nitroresolic Herbicides
Knockmate	Dithiocarbamates and Thiocarbamates
Kuron	Chlorophenoxy Compounds
Kwell	Organochlorines
Kypman 80	Dithiocarbamates and Thiocarbamates
Kypzin	Dithiocarbamates and Thiocarbamates
Lannate	Carbamates
Lawn-Keep	Chlorophenoxy Compounds
Lead Arsenate	Arsenicals
Leptophos	Organophosphate Compounds
Lindane	Organochlorines
Line Rider	Chlorophenoxy Compounds
Lithate	Chlorophenoxy Compounds
Lonacol	Dithiocarbamates and Thiocarbamates
Lorsban	Organophosphate Compounds
Lysoff	Organophosphate Compounds
MAA	Arsenicals
MAMA	Arsenicals
MC2188	Organophosphate Compounds
MCPA	Chlorophenoxy Compounds

(continued)

Name	See
MCPB	Chlorophenoxy Compounds
MCPB-Ethyl	Chlorophenoxy Compounds
MCPCA	Chlorophenoxy Compounds
MCPP	Chlorophenoxy Compounds
MSMA	Arsenicals
Macindray	Chlorophenoxy Compounds
Malathion	Organophosphate Compounds
Mancozeb	Dithiocarbamates and Thiocarbamates
Maneb	Dithiocarbamates and Thiocarbamates
Manebgan	Dithiocarbamates and Thiocarbamates
Manesan	Dithiocarbamates and Thiocarbamates
Manzate	Dithiocarbamates and Thiocarbamates
Manzeb	Dithiocarbamates and Thiocarbamates
Manzin	Dithiocarbamates and Thiocarbamates
Marlate	Organochlorines
Matacil	Carbamates
Mecoprop	Chlorophenoxy Compounds
Mercaptan	Dithiocarbamates and Thiocarbamates
Merger 823	Arsenicals
Merphos	Organophosphate Compounds
Mesamate	Arsenicals
Mesurel	Carbamates
Metasystox	Organophosphate Compounds
Methamidophos	Organophosphate Compounds
Methane Arsonate	Arsenicals
Methane Arsonic Acid	Arsenicals
Methar	Arsenicals
Methidathion	Organophosphate Compounds
Methiocarb	Carbamates
Methomyl	Carbamates
Methoxychlor	Organochlorines
Methyl Parathion	Organophosphate Compounds
Mevinphos	Organophosphate Compounds
Mezene	Dithiocarbamates and Thiocarbamates
Miracle	Chlorophenoxy Compounds
Mux	Organochlorines
Mitis Green	Arsenicals
Mohdawn	Organophosphate Compounds
Mocap	Organophosphate Compounds
Mofisal	Paraquat and Diquat
Monitor	Organophosphate Compounds
Mono-Calcium Arsenite	Arsenicals

Name	See
Monoammonium Methane Arsonate	Arsenicals
Monoammonium Methyl Arsonate	Arsenicals
Monocrotophos	Organophosphate Compounds
Monosodium Methyl Arsonate	Arsenicals
Morocide	Nitrophenolic and Nitroresolic Herbicides
Nabam	Dithiocarbamates and Thiocarbamates
Nabasan	Dithiocarbamates and Thiocarbamates
Naled	Organophosphate Compounds
Namate	Arsenicals
Naphtalam	Nitrophenolic and Nitroresolic Herbicides
Napro	Nitrophenolic and Nitroresolic Herbicides
Neguvon	Organophosphate Compounds
Nemacur	Organophosphate Compounds
Neo-Pyranum	Pyrethrins
Nespor	Dithiocarbamates and Thiocarbamates
Netagrone 600	Chlorophenoxy Compounds
Nexagan	Organophosphate Compounds
Nexon	Organophosphate Compounds
Nitador	Nitrophenolic and Nitroresolic Herbicides
Nitropon C	Nitrophenolic and Nitroresolic Herbicides
Normersan	Dithiocarbamates and Thiocarbamates
Nudrin	Carbamates
Nuvanol-N	Organophosphate Compounds
OMPA	Organophosphate Compounds
Oftanol	Organophosphate Compounds
Ofunack	Organophosphate Compounds
Orthene	Organophosphate Compounds
Ortho Paraquat CL	Paraquat and Diquat
Ortho Triox Liquid Vegetation Killer	Pentachloropheno
Oxamyl	Carbamates
PUP	Pentachlorophenol
Paraquat	Paraquat and Diquat
Paraquat Dichloride	Paraquat and Diquat
Parathion	Organophosphate Compounds
Paris Green	Arsenicals
Parzate	Dithiocarbamates and Thiocarbamates
Pathclear	Paraquat and Diquat
Pebulate	Dithiocarbamates and Thiocarbamates
Pencal	Arsenicals
Pentchlorol	Pentachlorophenol

(continued)

Name	See
Penite	Arsenicals
Pennarune D	Organophosphate Compounds
Pentacap-M	Chlorophenoxy Compounds
Penta	Pentachlorophenol
Pentac	Organochlorines
Pentachlorophenol	Pentachlorophenol
Pentacor	Pentachlorophenol
Penwar	Pentachlorophenol
Permethrin	Pyrethrins
Perthan	Organochlorines
Phencapton	Organophosphate Compounds
Phenthoate	Organophosphate Compounds
Phorate	Organophosphate Compounds
Phosalone	Organophosphate Compounds
Phosdrin	Organophosphate Compounds
Phostolan	Organophosphate Compounds
Phosmet	Organophosphate Compounds
Phosphamidon	Organophosphate Compounds
Phosvel	Organophosphate Compounds
Phoxim	Organophosphate Compounds
Phthalthrin	Pyrethrins
Phytar 560	Arsenicals
Piperonyl Butoxide	Pyrethrins
Pinmicarb	Carbamates
Pinmiphos-Methyl	Organophosphate Compounds
Pinmor	Carbamates
Planotox	Chlorophenoxy Compounds
Plantgard	Chlorophenoxy Compounds
Polyram M	Dithiocarbamates and Thiocarbamates
Polyram Ultra	Dithiocarbamates and Thiocarbamates
Polyram Z	Dithiocarbamates and Thiocarbamates
Pomarsol Forte	Dithiocarbamates and Thiocarbamates
Pomarsol Z Forte	Dithiocarbamates and Thiocarbamates
Pounce	Pyrethrins
Preaglone	Paraquat and Diquat
Premerge 3	Nitrophenolic and Nitroresolic Herbicides
Priglon	Paraquat and Diquat
Priltox	Pentachlorophenol
Proban	Organophosphate Compounds
Prodalumnol Double	Arsenicals
Prodaram	Dithiocarbamates and Thiocarbamates
Profenofos	Organophosphate Compounds

Name	See
Prolate	Organophosphate Compounds
Promecarb	Carbamates
Propetamphos	Organophosphate Compounds
Propoxur	Carbamates
Propylthiopyrophosphate	Organophosphate Compounds
Prothoate	Organophosphate Compounds
Purina Insect Oil Concentrate	Pentachlorophenol
Pydrin	Pyrethrins
Pynamin	Pyrethrins
Pyrazophos	Organophosphate Compounds
Pyrethrum	Pyrethrins
Pyridaphenthion	Organophosphate Compounds
Quinalphos	Organophosphate Compounds
Rabon	Organophosphate Compounds
Rad-E-Cate 25	Arsenicals
Rapid	Carbamates
Reglone	Paraquat and Diquat
Reglox	Paraquat and Diquat
Resmethrin	Pyrethrins
Rhodia	Chlorophenoxy Compounds
Rhodia Low Volatile Brush Killer No. 2	Chlorophenoxy Compounds
Rupcord	Pyrethrins
Ro-Neet	Dithiocarbamates and Thiocarbamates
S-Seven	Organophosphate Compounds
Saltrun	Organophosphate Compounds
Salvo	Chlorophenoxy Compounds
Schradan	Organophosphate Compounds
Schweinfurt Green	Arsenicals
Security	Arsenicals
Selmon	Nitrophenolic and Nitroresolic Herbicides
Sevin	Carbamates
Silvex	Chlorophenoxy Compounds
Sipar	Paraquat and Diquat
Siatusho	Pentachlorophenol
Sinox General	Nitrophenolic and Nitroresolic Herbicides
Snip Fly Bands	Carbamates
Sodar	Arsenicals
Sodium Arsenate	Arsenicals
Sodium Arsenite	Arsenicals
Sodium Pentachlorophenate	Pentachlorophenol

(Continued)

Name	See
Soprabel	Arsenicals
Spectracide	Organophosphate Compounds
Spontox	Chlorophenoxy Compounds
Spotrete	Dithiocarbamates and Thiocarbamates
Spotton	Organophosphate Compounds
Spra-Cal	Arsenicals
Spring-Bak	Dithiocarbamates and Thiocarbamates
Spritz-Hormin/2,4-D	Chlorophenoxy Compounds
Spritz-Hormin/2,4-D	Chlorophenoxy Compounds
Strobane	Organochlorines
Strobane-T	Organochlorines
Subitex	Nitrophenolic and Nitrocresolic Herbicides
Sulfotepp	Organophosphate Compounds
Sulprofos	Organophosphate Compounds
Sumthion	Organophosphate Compounds
Super Crab-E-Rad-Calat	Arsenicals
Super D Weedone	Chlorophenoxy Compounds
Super Dal-E-Rad-Calar	Arsenicals
Superior more Concentre	Chlorophenoxy Compounds
Supracide	Organophosphate Compounds
Surecide	Organophosphate Compounds
Surpass	Dithiocarbamates and Thiocarbamates
Sutan	Dithiocarbamates and Thiocarbamates
Swat	Organophosphate Compounds
Synthrin	Pyrethrins
Systox	Organophosphate Compounds
T(2,4,5-T)	Chlorophenoxy Compounds
TB(2,4,5-TB)	Chlorophenoxy Compounds
TEPP	Organophosphate Compounds
TMTDS	Dithiocarbamates and Thiocarbamates
TP(2,4,5-TP)	Chlorophenoxy Compounds
Talan	Nitrophenolic and Nitrocresolic Herbicides
Talbot	Arsenicals
Target MSMA	Arsenicals
Temik	Carbamates
Tempephos	Organophosphate Compounds
Terbufos	Organophosphate Compounds
Terraklene	Paraquat and Diquat
Tersan	Dithiocarbamates and Thiocarbamates
Tersan 75	Dithiocarbamates and Thiocarbamates
Tersan LSR	Dithiocarbamates and Thiocarbamates
Tetrachlorvinphos	Organophosphate Compounds

Name	See
Tetraethyl Pyrophosphate	Organophosphate Compounds
Tetramethrin	Pyrethrins
Tetrapom	Dithiocarbamates and Thiocarbamates
Thimet	Organophosphate Compounds
Thiodan	Organochlorines
Thioknock	Dithiocarbamates and Thiocarbamates
Thiometon	Organophosphate Compounds
Thiophos	Organophosphate Compounds
Thiotex	Dithiocarbamates and Thiocarbamates
Thiram	Dithiocarbamates and Thiocarbamates
Thiramad	Dithiocarbamates and Thiocarbamates
Thirasan	Dithiocarbamates and Thiocarbamates
Thiramion	Dithiocarbamates and Thiocarbamates
Thylate	Dithiocarbamates and Thiocarbamates
Tiezone	Dithiocarbamates and Thiocarbamates
Tiguvon	Organophosphate Compounds
Tillam	Dithiocarbamates and Thiocarbamates
Tiramep	Dithiocarbamates and Thiocarbamates
Torak	Organophosphate Compounds
Tormona	Chlorophenoxy Compounds
TotaCol	Paraquat and Diquat
Toxakyl	Organochlorines
Toxaphene	Organochlorines
Trametan	Dithiocarbamates and Thiocarbamates
Trans-Vert	Arsenicals
Transamine	Chlorophenoxy Compounds
Triallate	Dithiocarbamates and Thiocarbamates
Triazophos	Organophosphate Compounds
Trbuton	Chlorophenoxy Compounds
Tricarbamix Z	Dithiocarbamates and Thiocarbamates
Trichlorfon	Organophosphate Compounds
Trichloronate	Organophosphate Compounds
Trichlorophenoxyacetic Acid (2,4,5-)	Chlorophenoxy Compounds
Trichloroprylacetic Acid (2,3,6-)	Chlorophenoxy Compounds
Trifocide	Nitrophenolic and Nitroresolic Herbicides
Trifungol	Dithiocarbamates and Thiocarbamates
Trinangol	Dithiocarbamates and Thiocarbamates
Trinoxol	Chlorophenoxy Compounds
Tronone	Chlorophenoxy Compounds
Trpamol	Dithiocarbamates and Thiocarbamates

(continued)

Name	See
Triscabol	Dithiocarbamates and Thiocarbamates
Trithion	Organophosphate Compounds
Trioflogol	Dithiocarbamates and Thiocarbamates
Tuads	Dithiocarbamates and Thiocarbamates
Tubothane	Dithiocarbamates and Thiocarbamates
U 46	Chlorophenoxy Compounds
U 46 Special	Chlorophenoxy Compounds
Unierop DNBP	Nitrophenolic and Nitroresolic Herbicides
Vancide FE-95	Dithiocarbamates and Thiocarbamates
Vancide MZ-96	Dithiocarbamates and Thiocarbamates
Vancide Manch 80	Dithiocarbamates and Thiocarbamates
Vapona	Organophosphate Compounds
Veg-I-Kill	Pentachlorophenol
Veon 245	Chlorophenoxy Compounds
Vernam	Dithiocarbamates and Thiocarbamates
Vernolate	Dithiocarbamates and Thiocarbamates
Vertac Dmuro Weed Killer	Nitrophenolic and Nitroresolic Herbicides
Verton 2D	Chlorophenoxy Compounds
Verton 2T	Chlorophenoxy Compounds
Visko-Rhap	Chlorophenoxy Compounds
Visko-Rhap LV 2D-2T	Chlorophenoxy Compounds
Vydate	Carbamates
Warbex	Organophosphate Compounds
Weed Tox	Chlorophenoxy Compounds
Weed-B-Gon	Chlorophenoxy Compounds
Weed-E-Rad	Arsenicals
Weed-E-Rad 360	Arsenicals
Weed-E-Rad DMA Powder	Arsenicals
Weed-Hoe	Arsenicals
Weed-Rhap	Chlorophenoxy Compounds
Weedar	Chlorophenoxy Compounds
Weedol	Paraquat and Diquat
Weedone	Chlorophenoxy Compounds
Weedtime-D	Paraquat and Diquat
Weedtrol	Chlorophenoxy Compounds
White Arsenic	Arsenicals
Wood Preserver	Pentachlorophenol
Wood Tox 140	Pentachlorophenol
Z-C Spray	Dithiocarbamates and Thiocarbamates
Zebrox	Dithiocarbamates and Thiocarbamates
Zerlate	Dithiocarbamates and Thiocarbamates
Zincmate	Dithiocarbamates and Thiocarbamates

	See
Zineb	Dithiocarbamates and Thiocarbamates
Zinoban	Dithiocarbamates and Thiocarbamates
Ziram	Dithiocarbamates and Thiocarbamates
Ziramvis	Dithiocarbamates and Thiocarbamates
Zirasan 90	Dithiocarbamates and Thiocarbamates
Zirtek	Dithiocarbamates and Thiocarbamates
Zirex 90	Dithiocarbamates and Thiocarbamates
Ziride	Dithiocarbamates and Thiocarbamates
Zolone	Organophosphate Compounds

Appendix D

Chemicals in CAS Number Order

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00050-00-0	1	1	2	1	1	Formaldehyde
00052-68-6	23	3	2	11	9	Dipterex
00055-63-0	26	4	7	6	3	Nitroglycerine
00056-23-5	9	3	5	6	5	Carbon Tetrachloride
00056-38-2	23	3	2	11	9	Parathion
00056-81-5	8	3	12	6	5	Glycerin
00057-14-7	31	5	5	2	5	Dimethylhydrazine (1,1-)
00057-55-6	8	3	12	6	5	Propylene Glycol
00057-74-9	31	5	5	2	5	Chlordane
00058-89-9	31	5	5	2	5	Lindane
00060-29-7	6	3	4	5	4	Ethyl Ether
00060-34-4	11	4	7	6	3	Monomethylhydrazine
00062-38-4	15	5	9	2	6	Phenylmercuric Acetate
00062-53-3	11	4	7	6	3	Aniline
00062-73-7	23	3	2	11	9	ODVP
00064-17-5	8	3	12	6	5	Ethyl Alcohol
00064-18-6	1	1	1	1	1	Formic Acid
00064-19-7	1	1	1	1	1	Acetic Acid
00067-56-1	8	3	12	6	5	Methyl Alcohol

(continued)

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00067-63-0	8	3	12	6	5	Isopropyl Alcohol
00067-64-1	8	3	12	6	5	Acetone
00067-66-3	9	3	5	6	5	Chloroform
00067-72-1	9	3	5	6	5	Hexachloroethane
00071-23-8	8	3	12	6	5	Propyl Alcohol
00071-36-3	8	3	12	6	5	Aliphatic Alcohols—Butyl
00071-41-0	8	3	12	6	5	Aliphatic Alcohols—Amyl
00071-43-2	7	3	4	6	5	Benzene
00071-55-6	9	3	5	6	5	Methylchloroform
00074-82-8	5	3	0	5	4	Methane
00074-83-9	17	4	0	6	5	Methyl Bromide
00074-84-0	6	3	0	5	4	Ethane
00074-85-1	6	3	0	5	4	Ethylene
00074-86-2	6	3	0	5	4	Acetylene
00074-87-3	6	3	0	5	4	Chloromethane
00074-87-3	6	3	0	5	4	Methyl Chloride
00074-89-5	19	1	3	4	2	Methylamine
00074-90-8	25	8	11	8	5	Hydrocyanic Acid
00074-93-1	4	1	0	1	1	Methyl Mercaptan
00074-96-4	9	3	5	6	5	Halothane
00074-97-5	9	3	5	6	5	Chlorobromomethane
00074-98-6	6	3	0	5	4	Propane
00075-00-3	9	3	5	5	4	Chloroethane
00075-01-4	14	6	10	7	7	Polyvinyl Chloride
00075-01-4	9	3	0	6	5	Vinyl Chloride
00075-02-5	6	3	0	5	4	Vinyl Fluoride
00075-04-7	19	1	3	4	2	Ethylamine
00075-05-8	25	8	11	8	5	Acetonitrile
00075-07-7	1	1	2	1	1	Acetaldehyde
00075-09-2	9	3	5	5	4	Methylene Chloride
00075-15-0	1	1	2	1	1	Carbon Disulfide
00075-20-7	5	7	3	4	2	Calcium Carbide
00075-21-8	17	4	2	6	5	Ethylene Oxide
00075-24-1	28	6	0	10	8	Trimethylaluminum
00075-25-2	9	3	5	6	5	Bromoform
00075-29-6	9	3	5	6	5	Chloropropane
00075-31-0	19	1	3	4	2	Isopropylamine

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00075-34-3	9	3	5	5	4	Dichloroethane
00075-35-4	9	3	5	5	4	Vinylidene Chloride
00075-37-6	6	3	0	5	4	Diffuoroethanes
00075-38-7	6	3	0	5	4	Vinylidene Fluoride
00075-38-7	6	3	0	5	4	Diffuoroethyene
00075-43-4	6	3	0	5	4	Dichlorodifluoromethane
00075-43-4	6	3	0	5	4	Freon 21
00075-44-5	1	1	0	1	1	Phosgene
00075-45-6	6	3	0	5	4	Chlorodifluoromethane
00075-45-6	6	3	0	5	4	Freon 22
00075-46-7	6	3	0	5	4	Trifluoromethane
00075-50-3	19	1	3	4	2	Trimethylamine
00075-52-5	7	3	4	6	5	Nitromethane
00075-56-9	17	4	2	6	5	Propylene Oxide
00075-65-0	8	3	12	6	5	Butanol
00075-68-3	6	3	0	5	4	Chlorodifluoroethane
00075-68-3	6	3	0	5	4	Chlorofluoroethane
00075-68-3	6	3	0	5	4	Freon 142b
00075-69-4	6	3	0	5	4	Freon 11
00075-69-4	6	3	0	5	4	Trichlorofluoromethane
00075-71-8	6	3	0	5	4	Dichlorodifluoromethane
00075-71-8	6	3	0	5	4	Freon 12
00075-72-9	6	3	0	5	4	Chlorotrifluoromethane
00075-72-9	6	3	0	5	4	Freon 13
00075-73-0	6	3	0	5	4	Freon 14
00075-73-0	6	3	0	5	4	Tetrafluoromethane
00075-74-1	18	5	9	6	6	Tetramethyllead
00075-86-5	25	8	11	8	5	Acetone Cyanohydrin
00076-01-7	9	3	5	6	5	Pentachloroethane
00076-03-9	1	1	1	1	1	Trichloroacetic Acid
00076-06-2	17	4	2	6	5	Chloroquine
00076-11-9	9	3	5	6	5	Tetrachlorodifluoroethane
00076-12-0	9	3	5	6	5	Freon 112
00076-13-1	9	3	5	6	5	Freon 113
00076-13-1	9	3	5	6	5	Trichlorotrifluoroethane
00076-14-2	9	3	5	6	5	Freon 114

(continued)

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00076-14-2	9	3	5	6	5	Dichlorotetrafluoroethane
00076-15-3	9	3	0	6	5	Chloropentafluoroethane
00076-15-3	9	3	5	6	5	Freon 115
00076-16-4	6	3	0	5	4	Freon 116
00076-16-4	6	3	0	5	4	Hexafluoroethane
00076-22-2	31	5	5	2	5	Camphor
00077-78-1	1	1	1	1	1	Dimethyl Sulfate
00078-00-2	18	5	9	6	6	Tetraethyllead
00078-82-0	25	8	11	8	5	Isobutyronitrile
00078-84-2	1	1	1	1	1	Isobutyraldehyde
00078-87-5	9	3	5	6	5	Dichloropropane
00078-93-3	8	3	12	6	5	Methyl Ethyl Ketone
00079-00-5	9	3	5	6	5	Trichloroethane
00079-01-6	9	3	5	6	5	Trichloroethylene
00079-06-1	17	4	2	6	5	Acrylamide
00079-11-8	1	1	1	1	1	Chloroacetic Acid
00079-20-9	8	3	12	6	5	Methyl Acetate
00079-21-0	1	1	1	1	1	Peracetic Acid
00079-22-1	1	1	2	1	1	Methyl Chloroformate
00079-34-5	9	3	5	6	5	Tetrachloroethane
00079-38-9	6	3	0	5	4	Chlorotrifluoroethylene
00080-62-6	17	4	2	6	5	Methyl Methacrylate Monomer
00084-74-2	17	4	2	6	5	Dibutyl Phthalate
00085-00-7	30	4	2	6	5	Diquat
00085-44-9	3	7	2	2	6	Phthalic Anhydride
00087-86-5	26	4	7	6	3	Pentachlorophenol
00087-86-5	26	4	7	6	3	Pentachlorophenolate
00088-72-2	11	4	7	6	3	Nitrotoluene
00088-85-7	26	4	7	6	3	DNBP
00088-89-1	17	4	2	6	5	Picric Acid
00091-08-7	17	4	2	6	5	Toluene 2,6-di-Isocyanate
00091-20-3	11	4	7	6	3	Naphthalene
00091-58-7	29	2	10	6	6	Chloronaphthalenes
00091-59-8	11	4	7	6	3	Naphthylamines
00092-15-9	11	4	7	6	3	Amsidinea (ortho)
00092-52-4	29	2	10	7	6	Diphenyl
00092-87-5	11	4	7	6	3	Benzidine

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00095-38-5	19	1	3	4	2	Aliphatic Amines
00095-50-1	9	3	5	6	5	Dichlorobenzene
00095-53-4	11	4	7	6	3	Toluidine
00095-68-1	11	4	7	6	3	Xyldine
00096-10-6	28	6	0	10	8	Diethylaluminum Chloride
00096-33-3	17	4	2	6	5	Methyl Acrylate
00097-93-8	28	6	0	10	8	Triethylaluminum
00098-00-0	8	3	12	6	5	Furfural Alcohol
00098-01-1	17	4	2	6	5	Furfural
00098-51-1	9	3	5	6	5	Butyltoluene
00098-82-8	7	3	4	6	5	Cumene
00098-95-3	11	4	7	6	3	Nitrobenzene
00099-35-4	11	4	7	6	3	Trinitrobenzene
00100-00-5	11	4	7	6	3	Nitrochlorobenzene (p-)
00100-01-6	11	4	7	6	3	Nitroanilines
00100-37-8	17	4	2	6	5	Diethylaminoethanol
00100-41-4	8	3	12	6	5	Ethylbenzene
00100-42-5	17	4	2	6	5	Styrene
00100-44-7	1	1	2	1	1	Benzyl Chloride
00100-63-0	11	4	7	6	3	Phenylhydrazine
00100-65-2	11	4	7	6	3	Phenylhydroxylamine
00100-99-2	28	6	0	10	8	Triisobutylaluminum
00101-68-8	17	4	2	6	5	Methylenebis (Phenyl Isocyanate)
00103-09-3	8	3	12	6	5	Ethylhexyl Acetate
00104-94-9	11	4	7	6	3	Anisidines (para)
00105-60-2	3	7	2	2	6	Caprolactam
00106-50-6	1	1	2	1	1	Phenylenediamine (p-)
00106-51-4	1	1	2	1	1	Quinone
00106-89-8	17	4	2	6	5	Epichlorohydrin
00106-90-1	17	4	2	6	5	Glycidyl Acrylate
00106-92-3	17	4	2	6	5	Allyl Glycidyl Ether
00106-97-8	6	3	0	5	4	Butane
00106-99-0	6	3	0	5	4	Butadiene
00107-02-8	1	1	2	1	1	Acrolein
00107-05-1	17	4	2	6	5	Allyl Chloride

(continued)

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00107-06-2	9	3	5	5	4	Ethylene Dichloride
00107-07-3	8	3	12	6	5	Ethylene Chlorohydrin
00107-10-8	19	1	3	4	2	Propylamine
00107-13-1	25	8	11	8	5	Acrylonitrile
00107-18-6	17	4	2	6	5	Allyl Alcohol
00107-20-0	1	1	1	1	1	Chloroacetaldehyde
00107-21-1	8	3	12	6	5	Ethylene Glycol
00107-27-7	15	5	9	2	6	Ethylmercuric Chloride
00107-49-3	23	3	2	11	9	TEPP
00107-98-2	17	4	2	6	5	Propylene Glycol Monomethyl Ether
00108-05-4	8	3	12	6	5	Vinyl Acetate
00108-10-1	8	3	12	6	5	Methyl Isobutyl Ketone
00108-21-4	8	3	12	6	5	Isopropyl Acetate
00108-24-7	1	1	1	1	1	Acetic Anhydride
00108-31-6	1	1	2	1	1	Maleic Anhydride
00108-46-3	1	1	1	1	1	Resorcinol
00108-82-7	8	3	12	6	5	Diisobutylcarbinol
00108-88-3	7	3	4	6	5	Toluene
00108-90-7	9	3	5	6	5	Chlorobenzene
00108-93-0	17	4	2	6	5	Cyclohexanol
00108-94-1	17	4	2	6	5	Cyclohexanone
00108-95-2	1	1	1	1	1	Phenol
00109-60-4	8	3	12	6	5	Propyl Acetate
00109-66-0	7	3	4	6	5	Pentane
00109-73-9	19	1	3	4	2	Butylamine
00109-77-3	25	8	11	8	5	Malononitrile
00109-86-4	8	3	12	6	5	Ethylene Glycol Monomethyl Ether
00109-89-7	19	1	3	4	2	Diethylamine
00110-12-3	8	3	12	6	5	Methyl Isomyl Ketone
00110-19-0	8	3	12	6	5	Isobutyl Acetate
00110-54-3	7	3	4	6	5	Hexane
00110-82-7	7	3	4	6	5	Cyclohexane
00111-27-3	8	3	12	6	5	Hexanol
00111-30-8	17	4	2	6	5	Glutaraldehyde
00111-46-6	8	3	12	6	5	Diethylene Glycol

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00111-69-3	25	8	11	8	5	Adiponitrile
00111-84-2	7	3	4	6	5	Nonane
00111-86-4	7	3	4	6	5	Octane
00111-92-2	19	1	3	4	2	Dibutylamine
00112-27-6	8	3	12	6	5	Triethylene Glycol
00112-30-1	8	3	12	6	5	Decanol
00115-07-1	6	3	0	5	4	Propylene
00116-06-3	23	3	2	11	9	Aldicarb
00116-14-3	6	3	0	5	4	Tetrafluoroethylene
00118-52-5	1	1	2	1	1	Dichloro-5,5-Dimethylhydantoin
00118-74-1	29	2	10	6	6	Hexachlorobenzene
00118-96-7	11	4	7	6	3	Trinitrotoluene
00119-93-7	11	4	7	6	3	Tolidine (o-)
00121-14-2	11	4	7	6	3	Dinitrotoluene
00121-44-8	19	1	3	4	2	Triethylamine
00121-69-7	11	4	7	6	3	Dimethylamine
00121-75-5	23	3	2	11	9	Malathion
00122-39-4	29	2	10	6	6	Diphenylamine
00123-31-9	11	4	7	6	3	Hydroquinone
00123-38-6	1	1	1	1	1	Propionaldehyde
00123-42-2	8	3	12	6	5	Diacetone Alcohol
00123-72-8	1	1	1	1	1	Butyraldehyde
00123-73-9	1	1	2	1	1	Crotonaldehyde
00123-86-4	8	3	12	6	5	Butyl Acetate
00123-91-1	8	3	12	6	5	Dioxane
00124-18-5	7	3	4	6	5	Decane
00124-38-9	6	3	0	5	4	Carbon Dioxide
00124-40-3	19	1	3	4	2	Dimethylamine
00126-73-8	1	1	2	1	1	Tributyl Phosphate
00126-98-7	25	8	11	8	5	Methacrylonitrile
00127-18-4	9	3	5	6	5	Tetrachloroethylene
00135-88-6	11	4	7	6	3	Phenylnaphthylamine
00140-88-5	17	4	2	6	5	Ethyl Acrylate
00141-43-5	19	1	3	4	2	Ethanolamine
00141-78-6	8	3	12	6	5	Ethyl Acetate

(continued)

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00142-82-5	7	3	4	6	5	Heptane
00142-84-7	19	1	3	4	2	Dipropylamine
00144-55-8	13	6	8	2	6	Sodium Bicarbonate
00144-62-7	1	2	1	1	1	Oxalic Acid
00151-50-8	25	8	11	8	5	Potassium Cyanide
00151-56-4	17	4	2	6	5	Ethyleneimine
00152-16-9	23	3	2	11	9	OMPA
00298-00-0	23	3	2	11	9	Methyl Parathion
00298-02-2	23	3	2	11	9	Phorate
00299-84-3	23	3	2	11	9	Rouzel
00302-01-2	31	4	5	6	5	Hydrazine
00309-00-2	31	5	5	2	5	Aldrin
00311-45-5	23	3	2	11	9	Paraoxon
00329-71-5	26	4	7	6	3	Dinitrophenols
00333-41-5	23	3	2	11	9	Diazinon
00334-88-3	17	4	2	6	5	Diazomethane
00353-36-6	6	3	0	5	4	Ethyl Fluoride
00371-86-8	23	3	2	11	9	Isopestox
00463-51-4	17	4	0	6	3	Ketene
00471-34-1	14	6	10	7	7	Calcium Carbonate
00479-43-8	17	4	2	6	5	Tetryl
00497-19-8	20	2	3	9	3	Sodium Carbonate
00500-28-7	23	3	2	11	9	Chlorthion
00504-29-0	31	5	5	2	5	Aminopyridine
00506-68-3	25	8	11	8	5	Cyanogen Bromide
00506-77-4	25	8	11	8	5	Cyanogen Chloride
00506-78-5	25	8	11	8	5	Cyanogen Iodide
00506-87-6	20	2	3	9	3	Ammonium Carbonate
00509-14-8	11	4	7	6	3	Tetranitromethane
00513-77-9	10	2	6	2	6	Barium Carbonate
00532-27-4	17	4	2	6	5	Chloroacetophenone (2-)
00534-52-1	26	4	7	6	3	DNOC
00540-59-0	9	3	5	6	5	Dichloroethylene
00540-72-7	27	6	0	8	5	Sodium Thiocyanate
00541-41-3	1	1	2	1	1	Ethyl Chloroformate
00542-88-1	17	4	2	6	5	Bis (Chloromethyl) Ether
00543-49-7	8	3	12	6	5	Heptanol

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
00543-80-6	10	2	6	2	6	Barium Acetate
00552-30-7	3	7	2	2	6	Trimellitic Anhydride
00554-13-2	20	2	3	9	3	Lithium Carbonate
00554-84-7	26	4	7	6	3	Nitrophenols
00554-84-7	26	4	7	6	3	Nitrophenolics
00556-52-5	17	4	2	6	5	Glycidol
00557-98-2	9	3	5	6	5	Chloropropene
00562-95-8	18	5	9	6	6	Triethyllead
00563-80-4	8	3	12	6	5	Methyl Isopropyl Ketone
00564-00-1	17	4	2	6	5	Diepoxybutane
00584-08-7	20	2	3	9	3	Potassium Carbonate
00584-84-9	17	4	2	6	5	Toluene 2,4-di-Isocyanate
00591-78-6	8	3	12	6	5	Methyl n-Butyl Ketone
00593-53-3	6	3	0	5	4	Fluoromethane
00593-70-4	6	3	0	5	4	Chlorofluoromethane
00593-74-8	15	5	9	2	6	Dimethylmercury
00594-42-3	17	4	2	6	5	Perchloromethyl Mercaptan
00597-64-8	22	5	9	2	6	Tetraethyltin
00598-58-3	26	4	7	6	3	Methyl Nitrate
00598-63-0	24	6	2	2	6	Lead Carbonate
00600-25-9	17	4	2	6	5	Chloro-1-Nitropropane (1-)
00624-83-9	17	4	2	6	5	Methyl Isocyanate
00625-58-1	26	4	7	6	3	Ethyl Nitrate
00627-13-4	26	4	7	6	3	Propyl Nitrate
00627-44-1	15	5	9	2	6	Diethylmercury
00628-63-7	8	3	12	6	5	Amyl Acetate
00628-86-4	15	5	9	2	6	Mercury Fulminate
00628-96-6	26	4	7	6	3	Ethylene Glycol Dinitrate
00630-08-0	6	3	0	0	0	Carbon Monoxide
00631-60-7	16	5	2	2	6	Mercury Acetate
00761-44-4	22	5	9	2	6	Tripropyltin
00786-19-5	23	3	2	11	9	Trithion
00892-20-6	22	5	9	2	6	Triphenyltin
01120-46-3	18	5	9	6	6	Lead Oleate
01184-57-2	15	5	9	2	6	Methylmercury Hydroxide
01303-96-4	3	7	2	2	6	Sodium Borate

(continued)

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
01304-28-5	10	2	6	2	6	Barium Oxide
01305-62-0	20	2	3	9	3	Calcium Hydroxide
01305-78-8	5	7	3	4	2	Calcium Oxide
01305-78-8	5	7	3	4	2	Lime
01309-45-1	2	1	1	3	1	Fluosilicic Acid
01309-60-0	24	6	2	2	6	Lead Dioxide
01309-60-0	24	6	2	2	6	Lead Oxide (PbO)
01310-58-3	5	7	3	4	2	Potassium Hydroxide
01310-73-2	5	7	3	4	2	Sodium Hydroxide
01313-59-3	5	7	3	4	2	Sodium Oxide
01313-60-6	5	7	3	4	2	Sodium Peroxide
01314-41-6	24	6	2	2	6	Lead Oxide (red)
01314-80-3	4	1	0	1	1	Phosphorus Pentasulfide
01314-87-0	24	6	2	2	6	Lead Sulfide
01319-77-3	1	1	2	1	1	Creosols
01330-20-7	7	3	4	6	5	Xylene
01332-17-8	3	7	2	2	6	Chlorinated Lime
01332-21-4	14	6	10	7	7	Asbestos
01332-58-7	14	6	10	7	7	Kaolin
01333-86-4	14	6	10	7	7	Carbon Black
01335-31-5	16	5	2	2	6	Mercury Oxycyanide
01335-32-6	24	6	2	2	6	Lead Subacetate
01335-85-9	26	4	7	6	3	Dinitrocresols
01336-21-6	19	1	3	4	2	Ammonium Hydroxide
01336-36-3	29	2	10	6	6	Polychlorinated Biphenyls (PCBs)
01344-28-1	14	6	10	7	7	Aluminum Oxide
01344-67-8	3	7	2	2	6	Copper Chloride
01461-25-2	22	5	9	2	6	Tetrabutyltin
01910-42-5	30	4	5	6	5	Paraquat
02104-64-5	23	3	2	11	9	EPN
02176-98-9	22	5	9	2	6	Tetrapropyltin
02179-59-1	17	4	2	6	5	Allyl Propyl Disulfide
02238-07-5	17	4	2	6	5	Diglycidyl Ether
02426-08-6	17	4	2	6	5	Butyl Glycidyl Ether (n-)
02587-84-0	18	5	9	6	6	Dibutyllead
02698-41-1	17	4	2	6	5	Chlorobenzylidene Malonitrile

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
03333-52-6	25	8	11	8	5	Tetramethyl Succinonitrile
03689-24-5	23	3	2	11	9	Sulfotep
03811-04-9	12	2	8	2	6	Potassium Chlorate
04685-14-7	30	4	2	6	5	Gramoxone
06032-29-7	3	3	12	6	5	Pentanol
06854-92-0	20	2	3	9	3	Sodium Silicate
07428-48-0	18	5	9	6	6	Lead Stearate
07429-90-5	14	6	10	7	7	Aluminum (dust)
07439-92-1	24	6	2	2	6	Lead (dust and fumes)
07439-97-6	16	5	2	2	6	Mercury (metal)
07439-97-6	16	5	2	2	6	Mercury (soluble salts)
07440-02-0	17	4	2	6	5	Nickel (fumes and dust)
07440-06-4	3	7	2	2	6	Platinum and Compounds
07440-09-7	5	7	3	4	2	Potassium
07440-23-5	5	7	3	4	2	Sodium
07440-32-6	14	6	10	7	7	Titanium (dust and fumes)
07440-36-0	21	1	2	1	1	Antimony and Compounds
07440-38-2	21	1	1	2	6	Arsenic
07440-39-3	10	2	6	2	6	Barium (soluble salts)
07440-43-9	3	7	2	2	6	Cadmium (dust and fumes) (metal)
07440-44-0	14	6	10	7	7	Carbon
07440-61-1	3	7	2	2	6	Uranium and Compounds
07440-62-2	3	7	2	2	6	Vanadium and Compounds
07442-13-9	18	5	9	6	6	Trimethyllead
07446-09-5	1	1	1	1	1	Sulfur Dioxide
07446-11-9	1	1	1	1	1	Sulfur Trioxide
07446-70-0	3	7	2	2	6	Aluminum Chloride
07446-70-0	3	7	2	2	6	Aluminum Trichloride
07477-40-7	13	6	8	2	6	Potassium Chloride
07487-88-9	27	6	0	7	6	Magnesium Sulfate
07487-94-7	16	5	2	2	6	Mercuric Chloride
07546-30-7	16	5	2	2	6	Mercurous Chloride
07550-45-0	3	7	2	2	6	Titanium Chlorides
07553-56-2	1	1	2	1	1	Iodine
07558-79-4	27	6	0	7	6	Disodium Phosphate

(continued)

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
10034-85-2	1	1	1	1	1	Hydriodic Acid
10035-10-6	1	1	1	1	1	Hydrogen Bromide
10043-35-3	3	7	2	2	6	Boric Acid
10043-52-4	13	6	8	2	6	Calcium Chloride
10045-94-0	16	5	2	2	6	Mercury Nitrate
10049-04-4	1	1	1	1	1	Chlorine Dioxide
10099-74-8	24	6	2	2	6	Lead Nitrate
10102-43-9	1	1	0	1	1	Nitric Oxide
10102-44-0	1	1	1	1	1	Nitrogen Dioxide
10361-37-2	10	2	6	2	6	Barium Chloride
10361-92-9	14	6	10	7	7	Yttrium and Compounds
12070-12-1	14	6	10	7	7	Tungsten Carbide
12124-99-1	4	1	3	1	1	Ammonium Sulfide
12125-02-9	12	2	8	2	6	Ammonium Chlorate
13463-39-3	17	4	2	6	5	Nickel Carbonyl
13463-67-7	14	6	10	7	7	Titanium Dioxide
13998-03-3	25	8	11	8	5	Sodium Cyanide
14484-64-1	23	3	2	11	9	Carbamates
14807-96-6	14	6	10	7	7	Talc
14808-60-7	14	6	10	7	7	Fibrous Glass
15347-57-6	24	6	2	2	6	Lead Acetate
15773-47-4	18	5	9	6	6	Diethyllead
16871-90-2	2	7	1	3	1	Potassium Fluosilicate
16893-85-9	2	7	1	3	1	Sodium Fluosilicate
17194-00-2	10	2	6	2	6	Barium Hydroxide
17702-41-9	31	5	5	2	5	Decaborane
18454-12-1	24	6	2	2	6	Lead Chromate
19624-22-7	31	5	5	2	5	Pentaborane
20816-12-0	1	1	1	1	1	Osmic Acid
21109-95-5	10	2	6	2	6	Barium Sulfide
21609-90-5	23	3	2	11	9	Leptophos
21645-51-2	14	6	10	7	7	Aluminum Hydroxide
21645-51-2	14	6	10	7	7	Aluminum Hydrate
22967-92-6	15	5	9	2	6	Methylmercury
23273-02-1	17	4	0	6	5	Diborane
25154-54-5	11	4	7	6	3	Dinitrobenzene
27987-06-0	6	3	4	5	4	Trifluoroethane

CAS NUMBER	SYMPTOMS	INHALATION	INGESTION	SKIN	EYES	NAME
29883-15-6	25	8	11	8	5	Bitter Almond Oil (Amygdalin)
32787-44-3	15	5	9	2	6	Methylmercury Phosphate
36355-01-8	29	2	10	6	6	Polybrominated Biphenyls (PBBs)
68476-85-7	6	3	4	5	4	Liquified Petroleum (LP) Gas
77637-07-2	1	1	0	1	1	Boron Trifluoride