

SAFETY DATA SHEET
Dimethoate 400 EC

SDS # : FO004182-A
Revision date: 2019-03-11
Format: NA
Version 1.03



1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Dimethoate 400 EC

Other means of identification

Product Code(s) FO004182-A

Synonyms DIMETHOATE: O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] phosphorodithioate (CAS name); 2-dimethoxyphosphinothioylthio-N-methylacetamide (IUPAC name)

Active Ingredient(s) Dimethoate

Chemical Family Organophosphate

Recommended use of the chemical and restrictions on use

Recommended Use: Insecticide

Restrictions on Use: Use as recommended by the label.

Supplier Address

FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
(215) 299-6000 (General Information)
msdsinfo@fmc.com (E-Mail General Information)

Emergency telephone number

For leak, fire, spill or accident emergencies, call:
1 800 / 424-9300 (CHEMTREC - U.S.A.)
1 703 / 741-5970 (CHEMTREC - International)
1 703 / 527-3887 (CHEMTREC - Alternate)
1 202 / 483-7616 (CHEMTREC - Alternate International)

Medical Emergencies:
1 800 / 331-3148 (U.S.A. & Canada)
1 651 / 632-6793 (All Other Countries - Collect)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4

Aspiration toxicity	Category 1
Flammable liquids	Category 3

GHS Label elements, including precautionary statements**EMERGENCY OVERVIEW****Danger****Hazard Statements**

H302 - Harmful if swallowed
H332 - Harmful if inhaled
H304 - May be fatal if swallowed and enters airways
H401 - Toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

Physical Hazards

H226 - Flammable liquid and vapor

**Precautionary Statements - Prevention**

P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233 - Keep container tightly closed
P241 - Use explosion-proof electrical/ventilating/lighting equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P273 - Avoid release to the environment

Precautionary Statements - Response

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P312 - Call a POISON CENTER or doctor if you feel unwell
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P330 - Rinse mouth
P391 - Collect spillage

Precautionary Statements - Storage

P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

P501 - Dispose of contents/container according to label directions

Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

Other Information

Harmful to aquatic life with long lasting effects. Toxic to aquatic life.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family Organophosphate.

Chemical name	CAS-No	Weight %
Dimethoate	60-51-5	43.5
Cyclohexanone	108-94-1	30-40
Naphtha (petroleum), heavy aromatic	64742-94-5	5-15
Xylenes	1330-20-7	1-5
Trimethylbenzene	25551-13-7	1-5

Synonyms are provided in Section 1.

4. FIRST AID MEASURES

Eye Contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
Skin Contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice. Wash contaminated clothing before reuse.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion	Induce vomiting ONLY under the direct supervision of qualified medical personnel or a poison control center. Never give anything by mouth to an unconscious person. Immediate medical attention is required.
Most important symptoms and effects, both acute and delayed	<p>Symptoms of poisoning may include headache, nausea, vomiting, blurred vision, tightness in chest, drooling, frothing of mouth and nose, convulsions, coma and death. This product may present an aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.</p> <p>Prolonged or repeated overexposure may cause behavioral changes. Prolonged or repeated skin exposure may cause redness, a burning sensation, drying and cracking of the skin (dermatitis). Prolonged or repeated overexposure may cause liver, kidney and blood system effects.</p>
Indication of immediate medical attention and special treatment needed, if necessary	This product contains a cholinesterase inhibitor affecting the central and peripheral nervous systems and producing respiratory depression. Decontamination procedures such as whole body washing, gastric lavage and administration of activated charcoal are often required. If symptoms are present, administer atropine sulphate in large doses. Two to four mg intravenously or intramuscularly, as soon as possible. Repeat at 5 to 10 minute intervals until signs of atropinization appear. Maintain full atropinization until all organophosphate is metabolized. Obidoxime chloride (Toxogonin), alternatively pralidoxime chloride (2-PAM), may be administered as an adjunct to, but not a substitute for atropine, which is a symptomatic and often life-saving antidote. Treatment with oxime should be maintained as long as atropine sulphate is administered. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption may occur and relapse may occur after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS, DEPENDING ON THE SEVERITY OF POISONING.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, carbon dioxide, water spray or regular foam. Avoid heavy hose streams.
Specific Hazards Arising from the Chemical	Flammable liquid and vapor. This material will ignite when exposed to heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical

equipment). Material may decompose rapidly when exposed to heat and flame. Heat of decomposition may cause closed containers to build up pressure and explode. Carbon oxides (COx), Nitrogen oxides (NOx), Phosphorus oxides, Sulfur oxides.

Hazardous Combustion Products

Explosion data

Sensitivity to Mechanical Impact

Sensitivity to Static Discharge

Not sensitive.

Yes, May be ignited by friction, heat, sparks or flames.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear. Move containers from fire area if you can do it without risk. Use water spray to cool fire exposed surfaces and protect personnel. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

In case of spill, avoid contact. Isolate area and keep out animals and unprotected persons. Isolate and post spill area. Ensure clean-up is conducted by trained personnel only. Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. Always wear a self-contained breathing apparatus or full-face airline respirator when using this chemical. For personal protection see section 8.

Other

For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas. Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.

Methods for Containment

Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Contain and absorb spilled material with inert, non-combustible absorbent material, such as sand. Sweep up and shovel into suitable containers for disposal. For a water spill, confine the spill immediately with booms. Large spills that soak into the ground should be dug up, placed into suitable containers and disposed of appropriately (see Section 13). Notify the appropriate authorities as required.

Methods for cleaning up

Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling

This material is a toxic liquid. Wear chemically resistant protective equipment during handling. Use only in well-ventilated areas. Avoid contact with eyes, skin and clothing. Do not breathe vapors or spray mist. Keep away from children and all unprotected persons. Do not use near sources of heat, flame or direct sunlight. Dimethoate should never be heated above 35°C. Heat only indirectly and with solvent present. Local heating with, for example, electric heating equipment or steam, may significantly increase the risk of explosion and should never take place. Keep away from incompatibles. Use caution when opening cap. Keep containers tightly closed when not in use. Wash thoroughly after handling.

Storage

Store in a well-ventilated place. Keep cool. Keep away from heat and sources of ignition i.e., steam pipes, radiant heaters, hot air vents or welding sparks. Avoid storage above 77°F / 25°C for prolonged period of time. Keep away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Containers should be visually inspected on a regular basis to detect any abnormalities (swollen drums, increases in temperature, etc.).

Incompatible products

Strong oxidizing agents, Strong acids, Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Dimethoate 400 EC

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Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Cyclohexanone (108-94-1)	STEL: 50 ppm TWA: 20 ppm	TWA: 50 ppm TWA: 200 mg/m ³	IDLH: 700 ppm TWA: 25 ppm TWA: 100 mg/m ³	Mexico: TWA 50 ppm Mexico: TWA 200 mg/m ³ Mexico: STEL 100 ppm Mexico: STEL 400 mg/m ³
Xylenes (1330-20-7)	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³	-	Mexico: TWA 100 ppm Mexico: TWA 435 mg/m ³ Mexico: STEL 150 ppm Mexico: STEL 655 mg/m ³
Trimethylbenzene (25551-13-7)	TWA: 25 ppm	-	-	Mexico: TWA 25 ppm Mexico: TWA 125 mg/m ³ Mexico: STEL 35 ppm Mexico: STEL 170 mg/m ³
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
Cyclohexanone (108-94-1)	TWA: 20 ppm STEL: 50 ppm Skin	TWA: 25 ppm TWA: 100 mg/m ³ Skin	TWA: 20 ppm STEL: 50 ppm Skin	TWA: 20 ppm TWA: 80 mg/m ³ STEL: 50 ppm STEL: 200 mg/m ³ Skin
Xylenes (1330-20-7)	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 150 ppm STEL: 651 mg/m ³	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 150 ppm STEL: 651 mg/m ³
Trimethylbenzene (25551-13-7)	TWA: 25 ppm	TWA: 25 ppm TWA: 123 mg/m ³	TWA: 25 ppm	TWA: 25 ppm TWA: 123 mg/m ³

Appropriate engineering controls

Engineering measures

Apply technical measures to comply with the occupational exposure limits (if listed above). When working in confined spaces (tanks, containers, etc.), make sure there is an adequate source of air for breathing and wear the recommended equipment. Ventilate all transport vehicles prior to discharge.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Chemical resistant goggles must be worn. Maintain eye wash fountain and quick-drench facilities in work area.

Skin and Body Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Hand Protection

Impervious gloves. Wear long chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber. The breakthrough times of these materials for the product are unknown. Generally, however, the use of protective gloves will give only partial protection against dermal exposure. Small tears in the gloves and cross-contamination can easily occur. It is recommended to limit the work to be done manually and to change the gloves frequently. Be careful not to touch anything with contaminated gloves. Used gloves should be thrown out and not be reused.

Respiratory Protection

For splash, spray or mist exposure wear, as a minimum, a properly fitted half-face or full-face respirator with dust/mists/fume cartridges (approved by U.S. NIOSH/MSHA, EU CEN or comparably certified organization). Respirator use and selection must be based on airborne concentrations.

Hygiene measures

Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands and face before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Persons working with this product for a longer period should have frequent blood tests for cholinesterase levels. If the cholinesterase levels fall below a critical point, no further exposure should be allowed until it has been determined, by means of blood tests, that cholinesterase levels have returned to normal.

General information

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Yellow liquid
Physical State	Liquid
Color	Colorless, Light yellow
Odor	Slight mercaptan
Odor threshold	No information available
pH	3.59 (5% solution)
Melting point/freezing point	< 5 °C / 41 °F
Boiling Point/Range	Decomposes at temperatures above >80°C.
Flash point	42 °C / 108 °F
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	1.3-1.9
Lower flammability limit:	9.4-12.6
Vapor pressure	1.85 x 10 ⁻⁶ mmHg@25°C (Dimethoate)
Vapor density	No information available
Relative density	No information available
Specific gravity	1.09 - 1.11 @25°C
Water solubility	Emulsifies
Solubility in other solvents	No information available
Partition coefficient	Log Kow = 0.704 (Dimethoate)
Autoignition temperature	No information available
Decomposition temperature	176°F (80°C)
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	Combustible liquid
Oxidizing properties	No information available
Molecular weight	No information available
Bulk density	8.94-9.10 lb/gal

10. STABILITY AND REACTIVITY

Reactivity

It is strongly advised not to heat this product above 95°F (35°C) and only heat indirectly with solvent present. Above 176°F (80°C) the product will decompose rapidly, significantly increasing the risk of inducing explosions. The released heat from decomposition can raise the temperature further and accelerate decomposition.

Chemical Stability

Dimethoate is stable for a long period at temperatures not exceeding 25°C. At higher temperatures decomposition will take place and lower the quality of the product.

The decomposition is dependent on time as well as temperature due to self-accelerating exothermic and autocatalytic reactions. The reactions involve rearrangements and polymerisation.

At higher temperatures the released heat can raise the temperature further and accelerate the decomposition.

Tests have shown that, if dimethoate is heated to and kept at 40°C for 2 weeks, the content of active ingredient will be lowered by 6% or more and after 20 weeks at 40°C the content of active ingredient is halved.

Possibility of Hazardous Reactions
Hazardous polymerization

None under normal processing.
Hazardous polymerization may occur. See "Chemical Stability" above.

Conditions to avoid

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.

Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases.

Hazardous Decomposition Products Carbon oxides (COx), Sulfur oxides, Phosphorous oxides, Nitrogen oxides (NOx).**11. TOXICOLOGICAL INFORMATION**

The below results are based on testing performed on representative samples of a mixture similar to this product.

Product Information

LD50 Oral 450 mg/kg (rat)
LD50 Dermal > 2000 mg/kg (rat)
LC50 Inhalation 2.5 mg/L (4-hr) (rat)

Serious eye damage/eye irritation Irritating to eyes.
Skin corrosion/irritation Irritating to skin.
Sensitization Non-sensitizer

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Cyclohexanone (108-94-1)	1	1	1
Naphtha (petroleum), heavy aromatic (64742-94-5)	300-2000 mg/kg		>5.2 mg/L
Xylenes (1330-20-7)	3500 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	11 mg/l (Rat) 4 h
Trimethylbenzene (25551-13-7)	= 8970 mg/kg (Rat)		

Information on toxicological effects**Symptoms** No information available.**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Mutagenicity No known mutagenic or teratogenic effects.
Carcinogenicity May cause cancer
Reproductive toxicity Not expected to have reproductive effects.
Teratogenicity Not expected to be a teratogen.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard This product presents an aspiration pneumonia hazard.

Chemical name	ACGIH	IARC	NTP	OSHA
Cyclohexanone 108-94-1	A3	Group 3		
Xylenes 1330-20-7		Group 3		

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

Group 3 - Not classifiable as to its carcinogenicity to humans

12. ECOLOGICAL INFORMATION**Ecotoxicity****Persistence and degradability** Not readily biodegradable.

Bioaccumulation Not expected to bioaccumulate.

Mobility Moderately mobile, Absorption depends on soil pH and organic matter content.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance. Proper personal protective equipment, as described in Sections 7 and 8, must be worn while handling materials for waste disposal.

Contaminated Packaging Dispose of rinse water in accordance with local and national guidelines. Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

14. TRANSPORT INFORMATION

DOT

UN/ID no	NA1993
Proper Shipping Name	Combustible liquid, n.o.s
Hazard class	Combustible liquid
Packing Group	III
Reportable Quantity (RQ)	RQ (Dimethoate, 10 lb)
Description	NA1993, Combustible liquid, n.o.s. (Cyclohexanone, Aromatic hydrocarbons, Dimethoate), III

TDG

UN/ID no	NA1993
Proper Shipping Name	Combustible liquid, n.o.s
Hazard class	Combustible liquid
Packing Group	III
Description	NA1993, Combustible liquid, n.o.s. (Cyclohexanone, Aromatic hydrocarbons, Dimethoate), III, RQ (Dimethoate, 10 lb)

ICAO/IATA

UN/ID no	UN1993
Proper Shipping Name	Flammable liquid, n.o.s
Hazard class	3
Packing Group	III
Description	UN1993, Flammable Liquid, n.o.s. (Cyclohexanone, Aromatic hydrocarbons, Dimethoate), 3, III, Flash Point: 42°C, RQ

IMDG/IMO

UN/ID no	UN1993
Proper Shipping Name	Flammable liquid, n.o.s
Hazard class	3
Packing Group	III
EmS No.	F-E, S-E
Marine Pollutant	Dimethoate
Description	UN1993, Flammable Liquid, n.o.s. (Cyclohexanone, Aromatic hydrocarbons, Dimethoate), 3, III, Flash Point: 42°C, RQ

15. REGULATORY INFORMATION

U.S. Federal Regulations

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SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Dimethoate - 60-51-5	60-51-5	43.5	1.0
Xylenes - 1330-20-7	1330-20-7	1-5	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic health hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylenes 1330-20-7	100 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Cyclohexanone 108-94-1	5000 lb 2270 kg	
Xylenes 1330-20-7	100 lb 45.4 kg	
Dimethoate 60-51-5	10 lb 4.54 kg	10 lb
Cumene 98-82-8	5000 lb 2270 kg	

FIFRA Information

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

WARNING

May be fatal if swallowed.

Causes substantial but temporary eye injury. Do not get on eyes or on clothing.

Harmful if absorbed through skin. Avoid contact with skin.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Dimethoate 60-51-5	X	X	X

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Cyclohexanone 108-94-1	X	X	X
Xylenes 1330-20-7	X	X	X
Trimethylbenzene 25551-13-7	X	X	X

International Inventories

Chemical name	TSCA (United States)	DSL (Canada)	EINECS/ELINC S (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Dimethoate 60-51-5	X	X	X	X	X	X	X	X
Cyclohexanone 108-94-1	X	X	X	X	X	X	X	X
Naphtha (petroleum), heavy aromatic 64742-94-5	X	X	X		X	X	X	X
Xylenes 1330-20-7	X	X	X	X	X	X	X	X
Trimethylbenzene 25551-13-7	X	X	X	X	X	X	X	X

Chemical name	Carcinogen Status	Mexico
Cyclohexanone		Mexico: TWA 50 ppm Mexico: TWA 200 mg/m ³ Mexico: STEL 100 ppm Mexico: STEL 400 mg/m ³
Xylenes		Mexico: TWA 100 ppm Mexico: TWA 435 mg/m ³ Mexico: STEL 150 ppm Mexico: STEL 655 mg/m ³
Trimethylbenzene		Mexico: TWA 25 ppm Mexico: TWA 125 mg/m ³ Mexico: STEL 35 ppm Mexico: STEL 170 mg/m ³

Chemical name	Mexico - Pollutant Release and Transfer Register - Reporting Emissions for Fabrication, Process or Use -Threshold Quantities	Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities
Xylenes	1000 5000 kg/yr	1000 kg/yr
Cumene	1000 5000 kg/yr	1000 kg/yr

CANADA

WHMIS Statement

This product has been classified in accordance with the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

WHMIS Hazard Class

D1A - Very toxic materials



16. OTHER INFORMATION

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NFPA	Health Hazards 2	Flammability 2	Instability 2	Special Hazards -
HMIS	Health Hazards 2*	Flammability 2	Physical hazard 2	Personal Protection X

**Indicates a chronic health hazard.*

NFPA/HMIS Ratings Legend Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

Revision date: 2019-03-11
Reason for revision: SDS sections updated

Disclaimer

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End of Safety Data Sheet