



# CP-MIO-100

## Safety Data Sheet

VELTEK ASSOCIATES, INC.

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 10/12/2010 Revision date: 2/15/2024 Supersedes: 6/19/2018 Version: 4.1

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : CP-MIO-100  
Product code : SDS VEL-033

#### 1.2. Recommended use and restrictions on use

Recommended use : Surface treatment

#### 1.3. Supplier

Veltek Associates, Inc.  
15 Lee Blvd  
Malvern, PA 19355-1234 USA  
Telephone: +1 610-644-8335 - Fax: +1 610-644-8336  
E-mail: vai@sterile.com

#### 1.4. Emergency telephone number

Emergency number : CARECHEM 24: 1-215-207-0061  
1-866-928-0789 (toll free USA)  
Canada: 1-800-579-7421 (toll free)  
Mexico: +52-55-5004-8763

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Flammable liquids Category 3	H226	Flammable liquid and vapor
Serious eye damage/eye irritation Category 2	H319	Causes serious eye irritation
Specific target organ toxicity (repeated exposure) Category 1	H372	Causes damage to organs (thyroid gland) through prolonged or repeated exposure
Hazardous to the aquatic environment – Acute Hazard Category 2	H401	Toxic to aquatic life

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :   

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H226 - Flammable liquid and vapor  
H319 - Causes serious eye irritation  
H372 - Causes damage to organs (thyroid gland) through prolonged or repeated exposure  
H401 - Toxic to aquatic life

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. heat, hot surfaces, open flames, Sparks  
P233 - Keep container tightly closed.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.

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P260 - Do not breathe vapors.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear eye protection, protective gloves, protective clothing.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P314 - Get medical advice/attention if you feel unwell.  
P370+P378 - In case of fire: Use alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>), sand, Water spray to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container to an authorized waste collection point.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
Ethanol	CAS-No.: 64-17-5	40 - 55	Flam. Liq. 2, H225 Eye Irrit. 2A, H319
Water	CAS-No.: 7732-18-5	43 - 53	Not classified
Sodium iodide	CAS-No.: 7681-82-5	1 - 4	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT RE 1, H372 Aquatic Acute 1, H400
Iodine	CAS-No.: 7553-56-2	1 - 4	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 1, H372 Aquatic Acute 1, H400

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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First-aid measures after inhalation	: Remove person to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If symptoms develop, obtain medical attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water (for at least 15 minutes). Ensure that folded skin of eyelids is thoroughly washed with water. If symptoms develop, obtain medical attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Do not give an unconscious person anything to drink. Rinse mouth. Give 100 - 200 ml of water to drink. Obtain immediate medical attention.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after eye contact	: Causes serious eye irritation.
Chronic symptoms	: Causes damage to organs (thyroid gland) through prolonged or repeated exposure.

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Alcohol resistant foam. Dry powder. Carbon dioxide. Sand. Water.
Unsuitable extinguishing media	: Do not use water jet.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: Flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. Fire may produce irritating, corrosive and/or toxic gases. Carbon monoxide. Carbon dioxide. Iodine.
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### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Keep upwind. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Remove all sources of ignition. Ventilate area. Do not breathe vapors. Avoid contact with skin, eyes and clothing. Evacuate unnecessary personnel.
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#### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Remove all sources of ignition. Use only non-sparking tools. Ventilate area. Do not breathe vapors. Avoid breathing dust, mist or spray.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Use only non-sparking tools. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
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### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Provide good ventilation in process area to prevent formation of vapor. Do not breathe vapors. Avoid contact with skin, eyes and clothing.
- Hygiene measures : Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep in fireproof place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
- Incompatible materials : Strong acids. Strong alkalis. Strong oxidizing agents. Aluminum.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Ethanol (64-17-5)	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Ethanol
ACGIH STEL (ppm)	1000 ppm
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2023
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Ethyl alcohol (Ethanol)
OSHA PEL (TWA) (mg/m³)	1900 mg/m³
OSHA PEL TWA	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>Iodine (7553-56-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Iodine, as I
ACGIH TWA (ppm)	0.001 ppm (IFV - Inhalable fraction and vapor)
Remark (ACGIH)	TLV® Basis: Thyroid & maternal repro eff; fetal & neonatal dam. Notations: Skin; A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024

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Iodine (7553-56-2)	
USA - OSHA - Occupational Exposure Limits	
Local name	Iodine
OSHA PEL (Ceiling)	1 mg/m <sup>3</sup>
	0.1 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation. Ensure exposure is below occupational exposure limits (where available). Emergency eye wash stations should be available in the immediate vicinity of any potential exposure if required by regulation.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

<b>Hand protection:</b>
Wear chemically resistant protective gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.
<b>Eye protection:</b>
Chemical goggles or safety glasses
<b>Skin and body protection:</b>
Long-sleeved protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Red Brown
Odor	: Iodine Alcohol
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 78 °C (172.4 °F)
Flash point	: 24 °C (76 °F)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: < 58 mbar (20 °C)
Relative vapor density at 20°C	: No data available
Relative density	: 0.9 – 0.98 (Water = 1)
Solubility	: Water: Miscible
Log Pow	: No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: Not explosive.
Oxidizing properties	: Not oxidizing.

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7).

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Strong acids. Strong alkalis. Strong oxidizing agents. Aluminum.

### 10.6. Hazardous decomposition products

Fire may produce irritating, corrosive and/or toxic gases. Carbon monoxide. Carbon dioxide. Iodine.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Ethanol (64-17-5)	
LD50 oral, rat	10470 mg/kg
LC50 inhalation, rat (mg/l)	116.9 mg/l
ATE US (oral)	10470 mg/kg body weight
ATE US (vapors)	116.9 mg/l/4h
ATE US (dust, mist)	116.9 mg/l/4h
Iodine (7553-56-2)	
LD50 dermal, rabbit	1425 mg/kg
LC50 inhalation, rat (mg/l)	4.588 mg/l - 4 Hours

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<b>Iodine (7553-56-2)</b>	
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	1425 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	4.588 mg/l/4h
ATE US (dust, mist)	4.588 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>Ethanol (64-17-5)</b>	
IARC group	1 - Carcinogenic to humans, (Ethanol in alcoholic beverages)

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

<b>Iodine (7553-56-2)</b>	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure	: Causes damage to organs (thyroid gland) through prolonged or repeated exposure.
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<b>Sodium iodide (7681-82-5)</b>	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

<b>Iodine (7553-56-2)</b>	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after eye contact	: Causes serious eye irritation.
Chronic symptoms	: Causes damage to organs (thyroid gland) through prolonged or repeated exposure.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Ethanol (64-17-5)</b>	
LC50 fish	11200 mg/l (calculated value)
LC50 other aquatic organisms	4432 mg/l - 7 days (Lemna gibba)
EC50 Daphnia	5012 mg/l (calculated value) (freshwater)
EC50 - Crustacea [2]	857 mg/l (calculated value) (marine water)
EC50 72h - Algae [1]	275 mg/l - 72 Hours (Chlorella vulgaris)
NOEC (chronic)	280 mg/l - 7 days (Lemna gibba)
NOEC chronic fish	250 mg/l - 120 Hours (Danio rerio)
NOEC chronic crustacea	9.6 mg/l - 10 days (Ceriodaphnia dubia, reproduction)
NOEC chronic algae	11.5 mg/l - 72 Hours (Chlorella vulgaris)

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<b>Sodium iodide (7681-82-5)</b>	
LC50 fish	> 100 mg/l - 96 Hours (Danio rerio)
LOEC (acute)	66 mg/l (Microcystis aeruginosa)
<b>Iodine (7553-56-2)</b>	
LC50 fish	1.67 mg/l - 96 Hours (Oncorhynchus mykiss)
EC50 Daphnia	0.55 – 0.59 mg/l - 48 Hours (Daphnia magna)
EC50 72h - Algae [1]	0.13 mg/l - 72 Hours (Desmodesmus subspicatus) (Growth rate)

### 12.2. Persistence and degradability

<b>CP-MIO-100</b>	
Persistence and degradability	Not established.
<b>Ethanol (64-17-5)</b>	
Persistence and degradability	Readily biodegradable.
<b>Sodium iodide (7681-82-5)</b>	
Persistence and degradability	Not established.
<b>Iodine (7553-56-2)</b>	
Persistence and degradability	Not established.
<b>Water (7732-18-5)</b>	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

<b>CP-MIO-100</b>	
Bioaccumulative potential	Not established.
<b>Ethanol (64-17-5)</b>	
Log Pow	-0.35 (20 °C)
Bioaccumulative potential	Low bioaccumulation potential.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

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### SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

#### 14.1. UN number

DOT NA No : UN1170  
UN-No. (TDG) : UN1170  
UN-No. (IMDG) : 1170  
UN-No. (IATA) : 1170

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Ethanol solutions  
Proper Shipping Name (TDG) : ETHANOL SOLUTION  
Proper Shipping Name (IMDG) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
Proper Shipping Name (IATA) : Ethanol solution

#### 14.3. Transport hazard class(es)

##### DOT

Transport hazard class(es) (DOT) : 3  
Hazard labels (DOT) : 3



##### TDG

Transport hazard class(es) (TDG) : 3  
Hazard labels (TDG) : 3



##### IMDG

Transport hazard class(es) (IMDG) : 3  
Hazard labels (IMDG) : 3



##### IATA

Transport hazard class(es) (IATA) : 3  
Hazard labels (IATA) : 3



#### 14.4. Packing group

Packing group (DOT) : III  
Packing group (TDG) : III  
Packing group (IMDG) : III  
Packing group (IATA) : III

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### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### DOT

UN-No.(DOT) : UN1170

DOT Special Provisions (49 CFR 172.102) : 24 - Alcoholic beverages containing more than 70 percent alcohol by volume must be transported as materials in Packing Group II. Alcoholic beverages containing more than 24 percent but not more than 70 percent alcohol by volume must be transported as materials in Packing Group III.

B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / 1 + a (tr - tf)$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx) : 4b;150

DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

#### TDG

UN-No. (TDG) : UN1170

TDG Special Provisions : 150 - An approved ERAP is required for the dangerous goods referred to in paragraph 7.2(1)(f) of Part 7 (Emergency Response Assistance Plan). SOR-2019-101

Explosive Limit and Limited Quantity Index : 5 L

Excepted quantities (TDG) : E1

Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 60 L

Emergency Response Guide (ERG) Number : 127

#### IMDG

No data available

#### IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

CP-MIO-100	
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Serious eye damage or eye irritation Health hazard - Specific target organ toxicity (single or repeated exposure)

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Ethanol	64-17-5	Present	Active	
Sodium iodide	7681-82-5	Present	Active	
Iodine	7553-56-2	Present	Active	
Water	7732-18-5	Present	Active	

#### 15.2. International regulations

##### CANADA

###### Ethanol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

###### Sodium iodide (7681-82-5)

Listed on the Canadian DSL (Domestic Substances List)

###### Iodine (7553-56-2)

Listed on the Canadian DSL (Domestic Substances List)

###### Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

##### EU-Regulations

No additional information available

##### National regulations

###### Ethanol (64-17-5)

Listed on IARC (International Agency for Research on Cancer)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

###### Sodium iodide (7681-82-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

###### Iodine (7553-56-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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### Water (7732-18-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Ethanol(64-17-5)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Iodine(7553-56-2)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

### SECTION 16: Other information

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Revision date : 2/15/2024  
Data sources : US OSHA HazCom (GHS) 25 May 2012.  
Other information : None.

#### Full text of H-phrases

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life

#### Abbreviations and acronyms

	ACGIH (American Conference of Government Industrial Hygienists)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	DNEL (Derived No Effect Level)
	EC50 (Effective Concentration 50%)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)

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Abbreviations and acronyms	
	IMDG (International Maritime Dangerous Goods Code)
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	OECD (Organisation for Economic Co-operation and Development)
	OSHA (Occupational Safety and Health Administration) (US)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	STEL (Short Term Exposure Limit)
	TSCA (Toxic Substances Control Act) (US)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

NFPA health hazard

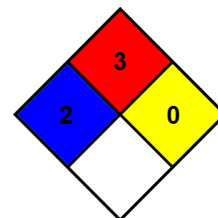
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

: \* - Chronic (long-term) health effects may result from repeated overexposure

Flammability

: 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB IC)

Physical

: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection

: B - Safety glasses, Gloves

Indication of changes:			
Section	Changed item	Change	Comments
2	Hazards identification	Modified	No additional information available
3	Composition/Information on ingredients	Modified	No additional information available
4	First aid measures	Modified	No additional information available
5	Fire fighting measures	Modified	No additional information available
6	Accidental release measures	Modified	No additional information available
7	Handling and storage	Modified	No additional information available
11	Toxicological information	Modified	No additional information available
12.	Ecological information	Modified	No additional information available

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14	Transport information	Modified	No additional information available
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