3600-B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 07/09/2015

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Product name : 3600-B

Product code : 3600-B

Other means of identification : 3600-B/1 3600-B/5, 3600-B/55

1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Protective Industrial Polymers
7875 Bliss Parkway
North Ridgeville, Ohio 44039 - USA-Ohio
T 440-327-0015
www.protectpoly.com

1.4. Emergency telephone number

Emergency number : Chemtrec: 800427-9300 (Outside USA) 703-527-3887

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Acute toxicity (inhal.), Category 4	H332
Skin corrosion/irritation, Category 1B	H314
Sensitisation — Respiratory, Category 1B	H334
Sensitisation — Skin, Category 1	H317

Full text of H statements : see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :

GHS05 GHS07 GHS08

Signal word (GHS-US) : Danger

Contains : 1,3-bis(aminomethyl)benzene; Tetraethylenepentamine; (Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-)

Hazard statements (GHS-US) :
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H332 - Harmful if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (GHS-US) :
P260 - Do not breathe vapours
P261 - Avoid breathing vapours
P264 - Wash hands thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective clothing
P284 - In case of poor ventilation
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
P302+P352 - If on skin: Wash with plenty of soap, water
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a doctor if symptoms persist
P312 - Call a doctor if symptoms persist. if you feel unwell

P321 - Specific treatment (see a doctor if symptoms do not go away. on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P342+P311 - If experiencing respiratory symptoms: Call a doctor if symptoms persist
P363 - Wash contaminated clothing before reuse
P405 - Store locked up
P501 - Dispose of contents/container to in accordance with local regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Fatty acids, tall-oil, reaction products with tetraethylenepentamine	(CAS No) 68953-36-6	> 50	Skin Sens. 1, H317
Benzenemethanol	(CAS No) 100-51-6	< 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319 Aquatic Acute 2, H401
1,3-bis(aminomethyl)benzene	(CAS No) 1477-55-0	< 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1A, H314
(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-)	(CAS No) 2855-13-2	< 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314
2,4,6-tris(dimethylaminomethyl)phenol	(CAS No) 90-72-2	< 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315
4-tert-butylphenol	(CAS No) 98-54-4	< 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
Tetraethylenepentamine	(CAS No) 112-57-2	< 5	Acute Tox. 3 (Dermal), H311 Skin Corr. 1A, H314
Poly(m-xylylenediamine-alt-epichlorohydrin), diamine terminated	(CAS No) 135470-04-1	< 5	Acute Tox. 2 (Oral), H300 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Resp. Sens. 1B, H334 Skin Sens. 1, H317
Phenol-2-carboxylic acid	(CAS No) 69-72-7	< 2	Acute Tox. 4 (Oral), H302

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/injuries after skin contact : Burns. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Serious damage to eyes.

Symptoms/injuries after ingestion : Burns.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Water spray. alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Fire-fighter should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe vapours.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage. Keep in suitable closed containers for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Do not breathe vapours. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Oxidizing agent. Strong acids.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Benzenemethanol (100-51-6)

Not applicable

Tetraethylenepentamine (112-57-2)

Not applicable

Poly(m-xylylenediamine-alt-epichlorohydrin), diamine terminated (135470-04-1)

Not applicable

1,3-bis(aminomethyl)benzene (1477-55-0)

ACGIH	ACGIH Ceiling (mg/m³)	0.1 mg/m³ (m-Xylene alfa,alfa'-diamine; USA; Momentary value; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	Eye, skin, & GI irr

(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)

Not applicable

Phenol-2-carboxylic acid (69-72-7)

Not applicable

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)
Not applicable

4-tert-butylphenol (98-54-4)
Not applicable

Fatty acids, tall-oil, reaction products with tetraethylenepentamine (68953-36-6)
Not applicable

8.2. Exposure controls

Appropriate engineering controls	:	Ensure good ventilation of the work station.
Hand protection	:	Protective gloves.
Eye protection	:	Safety glasses.
Skin and body protection	:	Wear suitable protective clothing.
Respiratory protection	:	Wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	According to product specifications
Odour	:	Characteristic odour
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	401 °F
Flash point	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Flammability (solid, gas)	:	No data available
Explosive limits	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Vapour pressure	:	0.1 hPa
Relative density	:	No data available
Relative vapour density at 20 °C	:	No data available
Solubility	:	Water: Solubility in water of component(s) of the mixture : • Benzenemethanol: 4.4 g/100ml (50 °C) • 4-tert-butylphenol: 0.06 g/100ml (25 °C, insoluble) • Phenol-2-carboxylic acid: 0.2 g/100ml • 1,3-bis(aminomethyl)benzene: Complete • Tetraethylenepentamine: Complete • Poly(m-xylylenediamine-alt-epichlorohydrin), diamine terminated: _11-12-AV010 • (Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-): > 49.2 g/100ml (24 °C, soluble) • 2,4,6-tris(dimethylaminomethyl)phenol: > 16 g/100ml
Log Pow	:	No data available
Auto-ignition temperature	:	335 °C
Decomposition temperature	:	No data available
Viscosity	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No specific data.

10.6. Hazardous decomposition products

irritant gases. Nitrogen. Ammonia. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Inhalation: Harmful if inhaled. Oral: Not classified.

3600-B	
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapours)	11.000 mg/l/4h
ATE US (dust,mist)	1.500 mg/l/4h

Benzenemethanol (100-51-6)	
LD50 oral rat	1620 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit; Inconclusive, insufficient data)
ATE US (oral)	1620.000 mg/kg bodyweight
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapours)	11.000 mg/l/4h
ATE US (dust,mist)	1.500 mg/l/4h

Tetraethylenepentamine (112-57-2)	
LD50 oral rat	3990 mg/kg (Rat; Literature study; 3250 mg/kg bodyweight; Rat; Literature study)
LD50 dermal rabbit	660 mg/kg (Rabbit; Literature study; 660-1260 mg/kg bodyweight; Rabbit; Literature study)
ATE US (oral)	3990.000 mg/kg bodyweight
ATE US (dermal)	660.000 mg/kg bodyweight

Poly(m-xylylenediamine-alt-epichlorohydrin), diamine terminated (135470-04-1)	
ATE US (oral)	5.000 mg/kg bodyweight

1,3-bis(aminomethyl)benzene (1477-55-0)	
LD50 oral rat	930 mg/kg (Rat)
LD50 dermal rabbit	2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	2.4 mg/l/4h (Rat)
ATE US (oral)	930.000 mg/kg bodyweight
ATE US (dermal)	2000.000 mg/kg bodyweight
ATE US (vapours)	2.400 mg/l/4h
ATE US (dust,mist)	2.400 mg/l/4h

(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)	
LD50 oral rat	1030 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	> 5.01 mg/l/4h (Rat; Experimental value)
ATE US (oral)	1030.000 mg/kg bodyweight

Phenol-2-carboxylic acid (69-72-7)	
LD50 oral rat	891 mg/kg bodyweight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit)
ATE US (oral)	891.000 mg/kg bodyweight

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
LD50 oral rat	1200 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 2169 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg (Rat; Literature study; Other; >1 ml/kg; Rat; Experimental value)

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
ATE US (oral)	1200.000 mg/kg bodyweight

4-tert-butylphenol (98-54-4)	
LD50 oral rat	> 2000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LC50 inhalation rat (mg/l)	> 5.6 mg/l/4h (Rat; Experimental value)
ATE US (oral)	3370.000 mg/kg bodyweight
ATE US (dermal)	2621.000 mg/kg bodyweight

Skin corrosion/irritation : Causes severe skin burns and eye damage.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/injuries after skin contact : Burns. May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Serious damage to eyes.

Symptoms/injuries after ingestion : Burns.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Benzenemethanol (100-51-6)	
LC50 fish 1	460 mg/l (LC50; EPA OPP 72-1; 96 h; Pimephales promelas; Static system; Fresh water; Experimental value)

Tetraethylenepentamine (112-57-2)	
EC50 Daphnia 1	24.1 mg/l (EC50; EU Method C.2; 48 h; Daphnia magna; Static system)
LC50 fish 2	420 mg/l (LC50; EU Method C.1; 96 h; Poecilia reticulata; Semi-static system; Fresh water; Experimental value)
Threshold limit algae 1	0.5 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Selenastrum capricornutum)
Threshold limit algae 2	6.8 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Selenastrum capricornutum)

1,3-bis(aminomethyl)benzene (1477-55-0)	
EC50 Daphnia 1	16 mg/l (EC50; 48 h)
LC50 fish 2	> 100 mg/l (LC50; 96 h)
Threshold limit algae 1	12 mg/l (EC50; 72 h)

(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)	
LC50 fish 2	110 mg/l (LC50; EU Method C.1; 96 h; Leuciscus idus; Semi-static system; Fresh water; Experimental value)

Phenol-2-carboxylic acid (69-72-7)	
LC50 fish 1	90 mg/l (LC50; DIN 38412-15; 48 h; Leuciscus idus; Static system; Fresh water; Experimental value)
Threshold limit algae 1	> 100 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus)

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
EC50 Daphnia 2	41.3 mg/l (LC50; 48 h; Daphnia magna)

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
Threshold limit algae 2	84 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value)

4-tert-butylphenol (98-54-4)	
EC50 Daphnia 1	3.9 mg/l (EC50; 48 h)
LC50 fish 2	5.14 mg/l (LC50; 96 h)
Threshold limit algae 2	11.2 mg/l (EC50; 72 h)

12.2. Persistence and degradability

Benzenemethanol (100-51-6)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	1.6 g O_2/g substance
Chemical oxygen demand (COD)	2.4 g O_2/g substance
ThOD	2.5 g O_2/g substance

Tetraethylenepentamine (112-57-2)	
Persistence and degradability	Not readily biodegradable in water. Low potential for mobility in soil. Adsorbs into the soil.

1,3-bis(aminomethyl)benzene (1477-55-0)	
Persistence and degradability	Not readily biodegradable in water.

(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)	
Persistence and degradability	Not readily biodegradable in water. Low potential for adsorption in soil.

Phenol-2-carboxylic acid (69-72-7)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil.
Biochemical oxygen demand (BOD)	0.95 g O_2/g substance
Chemical oxygen demand (COD)	1.58 g O_2/g substance
ThOD	1.623 g O_2/g substance
BOD (% of ThOD)	0.41 - 0.60

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
Persistence and degradability	Not readily biodegradable in water. Highly mobile in soil. Low potential for adsorption in soil.

4-tert-butylphenol (98-54-4)	
Persistence and degradability	Readily biodegradable in water. Low potential for mobility in soil. Photolysis in the air.
ThOD	2.77 g O_2/g substance

12.3. Bioaccumulative potential

Benzenemethanol (100-51-6)	
Log Pow	1-1.1,Experimental value; Other; 20 °C
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Tetraethylenepentamine (112-57-2)	
BCF other aquatic organisms 1	4.2 (BCF)
Log Pow	-3.16 (Calculated; EPIWIN)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

1,3-bis(aminomethyl)benzene (1477-55-0)	
BCF fish 1	< 2.7 (BCF)
Log Pow	0.15
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)	
BCF other aquatic organisms 1	3.16 (BCF; BCFWIN)
Log Pow	0.99 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 23 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Phenol-2-carboxylic acid (69-72-7)	
Log Pow	2.25 (Experimental value; Equivalent or similar to OECD 117; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
Log Pow	0.77 (Literature; 0.219; Experimental value; Equivalent or similar to OECD 107; 21.5 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

4-tert-butylphenol (98-54-4)	
BCF fish 1	120 (BCF; 3 h)
BCF fish 2	20 - 88 (BCF)
BCF other aquatic organisms 1	34 (BCF; 24 h; Chlorella sp.)
BCF other aquatic organisms 2	240 (BCF; 5 h; Bacteria)
Log Pow	3 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 23 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

Benzenemethanol (100-51-6)	
Surface tension	0.04 N/m (20 °C)

(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)	
Log Koc	log Koc,2.97; QSAR

2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)	
Log Koc	Koc,SRC PCKOCWIN v2.0; 20.98; QSAR; log Koc; 1.32; Calculated value

4-tert-butylphenol (98-54-4)	
Log Koc	log Koc,3.1; QSAR

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Collect all waste in suitable and labelled containers and dispose according to local legislation.

Sewage disposal recommendations : Do not allow product to reach sewage system.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN3066 Paint, 8, II

UN-No.(DOT) : UN3066

Proper Shipping Name (DOT) : Paint

Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136

Hazard labels (DOT) : 8 - Corrosive

Packing group (DOT) : II - Medium Danger

Other information : No supplementary information available.

TDG

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

Benzenemethanol (100-51-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Tetraethylenepentamine (112-57-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Poly(m-xylylenediamine-alt-epichlorohydrin), diamine terminated (135470-04-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
1,3-bis(aminomethyl)benzene (1477-55-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Phenol-2-carboxylic acid (69-72-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
2,4,6-tris(dimethylaminomethyl)phenol (90-72-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
4-tert-butylphenol (98-54-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Fatty acids, tall-oil, reaction products with tetraethylenepentamine (68953-36-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

Tetraethylenepentamine (112-57-2)
U.S. - New Jersey - Right to Know Hazardous Substance List
1,3-bis(aminomethyl)benzene (1477-55-0)
U.S. - New Jersey - Right to Know Hazardous Substance List
(Cyclohexanemethanamine,5-amino-1,3,3-trimethyl-) (2855-13-2)
U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Other information : Disclaimer: This SDS to the best of our knowledge conforms to the requirements of OSHA 20 CFR 1910.1200 and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace.

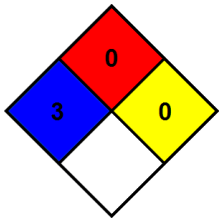
Full text of H-statements:

H300	Fatal if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H401	Toxic to aquatic life

NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

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

Flammability : 0 Minimal Hazard - Materials that will not burn

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.

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product