

# PRO-SET® ACE-262 Hardener

## Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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Version : ACE-262-2022a

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : PRO-SET® ACE-262 Hardener  
Product code : ACE-262, ACE-262-1, ACE-262-2, ACE-262-4, ACE-262-G  
Chemical family : Polyamine mixture

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

Recommended use : Curing agent for epoxy resins

#### 1.3. Supplier

##### Manufacturer

Gougeon Brothers, Inc  
100 Patterson Ave.  
Bay City, MI 48706 - U.S.A.  
T 888-377-6738 or 989-684-7286  
[www.prosetepoxy.com](http://www.prosetepoxy.com)

##### Distributor

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1 (800) 424-9300  
CHEMTREC International +1 (703) 527-3887 24 hr

### SECTION 2: Hazard(s) identification

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

##### GHS classification

Acute Tox. 4 (Oral)  
Skin Corr. 1B  
Eye Dam. 1  
Skin Sens. 1  
Aquatic Acute 3  
Aquatic Chronic 3

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

##### GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) :

Danger

Hazard statements (GHS) :

Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS) :

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands, forearms and face thoroughly after handling.

Do not eat, drink or smoke when using this product

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Contaminated work clothing must not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If swallowed: rinse mouth. Do NOT induce vomiting.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a poison center or doctor.  
Store locked up.  
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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

Other hazards which do not result in classification : No additional information available.

### 2.4. Unknown acute toxicity

37% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Trimethylhexamethylenediamine	Trimethylhexamethylenediamine Hexane-1,6-diamine, trimethyl- / 1,6-Hexanediamine, C,C,C-trimethyl- / 1,6-Hexanediamine, trimethyl- / Trimethylhexamethylenediamines / Trimethylhexane-1,6-diamine / Trimethylhexanediamine / 3,3,5- Trimethylhexylenediamine / Trimethylhexamethylenediamine (2,2,4- and 2,4,4-)	CAS-No.: 25620-58-0	10 – 30
Benzyl alcohol	Benzyl alcohol Benzenecarbinol / Benzenemethanol / Methanol, phenyl- / Phenylmethanol / Phenylmethyl alcohol / BENZYL ALCOHOL / .alpha.-Hydroxytoluene / Benzylalcohol	CAS-No.: 100-51-6	10 – 30
1,3-Cyclohexanedimethanamine	1,3-Cyclohexanedimethanamine Cyclohexane, 1,3-bis(aminomethyl)- / Cyclohexane-1,3-diylbis(methylamine) / 1,3-Cyclohexanebis(methylamine) / 1,3-Di(aminomethyl)cyclohexane / 1,3-Bis(aminomethyl)cyclohexane / 1,3-Bis(methylamine)cyclohexane / 1,3-bis(aminomethyl)cyclohexane	CAS-No.: 2579-20-6	10 – 30
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane and 1,3-cyclohexanedimethanamine	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane and 1,3-cyclohexanedimethanamine	CAS-No.: 60112-98-3	10 – 30

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	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane and 1,3-cyclohexanedimethanamine / Epichlorohydrin/1,3-bis(aminomethyl)cyclohexane/bisphenol A copolymer / Polymer of 2-(chloromethyl)oxirane/cyclohexane-1,3-diylbis(methanamine)/4,4'-(isopropylidene)diphenol		
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine Reaction product of 4,4'-(1-methylethylidene)bisphenol, polymer with chloromethyloxirane and trimethyl-hexamethylenediamine isomers / Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane, reaction products with 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine / Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with 2,2,4(or 2,4,4)- trimethyl-1,6-hexanediamine / Reaction products of [polymer of 4,4'-(propane-2,2-diyl)diphenol/2-(chloromethyl)oxirane] with 2,2,4-trimethylhexane-1,6-diamine	CAS-No.: 111850-23-8	3 – 7
Diethylene glycol bis(3-aminopropyl) ether	Diethylene glycol bis(3-aminopropyl) ether Diethylene glycol, di(3-aminopropyl) ether / 3,3'-Oxybis(ethyleneoxy)bis(propylamine) / Propan-1-amine, 3,3'-[oxybis(2,1-ethanedioxy)]bis / Diethyleneglycol bis(3-aminopropyl) ether / 1-Propanamine, 3,3'-[oxybis(2,1-ethanedioxy)]bis- / 1,13-Diamino-4,7,10-trioxatridecane / Di(3-aminopropyl) ether of diethylene glycol / 1-Propanamine, 3,3'-[oxybis(2,1-ethanedioxy)]bis / 1-Propanamine, 3,3'-(oxybis(2,1-ethanedioxy))bis- / 4,7,10-Trioxa-1,13-tridecanediamine / BIS-AMINOPROPYL DIGLYCOL / diethylene glycol bis(3-aminopropyl) ether	CAS-No.: 4246-51-9	1 – 5
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidyl) ester / Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidyl) ester / Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate / Bis(1,2,2,6,6-pentamethyl-4-piperidyl) decanedioate / Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate / PENTAMETHYL PIPERIDINYL SESQUISEBACATE	CAS-No.: 41556-26-7	0.1 – 1.5

Comments : The exact chemical identity and/or exact percentage (concentration) of each ingredient may be held as confidential business information (CBI). Any ingredient not disclosed in this section may have been determined not to be hazardous to health or the environment, or it may be present at a level below its disclosure threshold. Refer to Section 15 for additional information regarding this CBI claim.

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

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First-aid measures after skin contact	: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after inhalation	: May cause respiratory tract irritation.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes severe burns. Symptoms may include redness, pain, blisters. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. May cause stomach distress, nausea or vomiting.

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

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## SECTION 5: Fire-fighting measures

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

Suitable extinguishing media	: Foam. Carbon dioxide. Dry chemical.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon. Nitrogen oxides. Amines. Ammonia. Nitric acid. Aldehydes. Nitrosamines. Phenolics. When mixed with sawdust, wood chips, or other cellulosic material, spontaneous combustion can occur under certain conditions. Heat is generated as the air oxidizes the amine. If the heat is not dissipated quickly enough, it can ignite the sawdust.
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### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
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## SECTION 6: Accidental release measures

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

General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
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#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

No additional information available.

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

- For containment : Stop leak if safe to do so. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Do not absorb in sawdust, paper, cloth or other combustible absorbents.
- Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

### 6.4. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Use personal protective equipment as required. When mixed with epoxy resin this product causes an exothermic reaction, which in large masses, can produce enough heat to damage or ignite surrounding materials and emit fumes and vapors that vary widely in composition and toxicity.
- Hygiene measures : Wash contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Contaminated work clothing should not be allowed out of the workplace.

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

- Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in dry, cool, well-ventilated area. Protect from moisture. Storage temperature : 40°F (4°C) - 90°F (32°C).

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>PRO-SET® ACE-262 Hardener</b>	
No additional information available	
<b>Trimethylhexamethylenediamine (25620-58-0)</b>	
No additional information available	
<b>Benzyl alcohol (100-51-6)</b>	
<b>AIHA - Occupational Exposure Limits</b>	
AIHA-WEEL	10 ppm
<b>1,3-Cyclohexanedimethanamine (2579-20-6)</b>	
No additional information available	
<b>Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine (111850-23-8)</b>	
No additional information available	
<b>Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL C	1 mg/m <sup>3</sup> CELING
<b>Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane and 1,3-cyclohexanedimethanamine (60112-98-3)</b>	
No additional information available	
<b>Diethylene glycol bis(3-aminopropyl) ether (4246-51-9)</b>	
No additional information available	

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### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
- Environmental exposure controls : Maintain levels below Community environmental protection thresholds.

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

<b>Hand protection:</b>
Wear chemically resistant protective gloves.
<b>Eye protection:</b>
Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Other information:

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle in accordance with good industrial hygiene and safety procedures.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: No data available.
Colour	: Clear
Odour	: ammonia-like
Odour threshold	: No data available
pH	: 12.28
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 400 °F (204 °C)
Flash point	: > 200 °F (93 °C) Estimated based similar product.
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.99
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 108 mm <sup>2</sup> /s @ 68 °F (20 °C)
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

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### 9.2. Other information

VOC content : SBE-160 / ACE-262: 10.38 g/L (0.09 lbs/gal);  
SBE-163 / ACE-262: 10.38 g/L (0.09 lbs/gal);  
SBE-166 / ACE-262: 11.03 g/L (0.09 lbs/gal)

Bulk density : 825 lb/gal (0.99 kg/L)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use. A mass of more than one pound of product plus an epoxy resin will cause irreversible polymerization with significant heat buildup and pressure.

### 10.4. Conditions to avoid

Heat. Incompatible materials.

### 10.5. Incompatible materials

Acids. Oxidizing materials. Halogenated compounds. External heating or self-heating could result in rapid temperature increase and pressure build up. If such a condition were to occur in a drum, the drum could expand and rupture violently.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Nitrogen oxides. Amines. Ammonia. Nitric acid. Aldehydes. Nitrosamines. Phenolics.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified.  
Acute toxicity (inhalation) : Not classified.

Ingredient Name	CAS#	LD <sub>50</sub> Oral	LD <sub>50</sub> Dermal	LC <sub>50</sub> Inhalation
Trimethylhexamethylenediamine	25620-58-0	910 mg/kg	No data	No data
Benzyl alcohol	100-51-6	1620 mg/kg	No data	>4.18 mg/l 4 h aerosol
1,3-Cyclohexanedimethanamine	2579-20-6	700-780 mg/kg	1700 mg/kg	No data
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane and 1,3-cyclohexanedimethanamine	60112-98-3	Refer to 1,3-cyclohexanedimethanamine for this data.		
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine	111850-23-8	No data	No data	No data
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	No data	No data	No data

Skin corrosion/irritation : Causes severe skin burns.  
pH: 12.28

Serious eye damage/irritation : Causes serious eye damage.  
pH: 12.28

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Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
	: Not classified.

STOT-repeated exposure

<b>Benzyl alcohol (100-51-6)</b>	
NOAEL (oral, rat, 90 days)	400 mg/kg bodyweight Animal: rat, Guideline: other:
<b>1,3-Cyclohexanedimethanamine (2579-20-6)</b>	
LOAEL (oral, rat, 90 days)	300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (oral, rat, 90 days)	60 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Aspiration hazard : Not classified.

<b>PRO-SET® ACE-262 Hardener</b>	
Viscosity, kinematic	108 mm <sup>2</sup> /s @ 68 °F (20 °C)
Symptoms/effects after inhalation	: May cause respiratory tract irritation.
Symptoms/effects after skin contact	: Harmful in contact with skin. Causes severe burns. Symptoms may include redness, pain, blisters. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. May cause stomach distress, nausea or vomiting.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

<b>Benzyl alcohol (100-51-6)</b>	
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
NOEC chronic fish	48897 mg/l Test organisms (species): other: Duration: '30 d'
<b>1,3-Cyclohexanedimethanamine (2579-20-6)</b>	
LC50 - Fish [1]	130 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	33.1 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	65.4 mg/l Test organisms (species): Daphnia magna
<b>Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)</b>	
LC50 - Fish [1]	0.97 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Ingredient	CAS#	Ecotoxicity
Trimethylhexamethylenediamine	25620-58-0	Acute Aquatic Cat. 3; Chronic Aquatic Cat. 3
Benzyl alcohol	100-51-6	Not classified
1,3-Cyclohexanedimethanamine	2579-20-6	Acute Aquatic Cat. 3; Chronic Aquatic Cat. 3
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane and 1,3-cyclohexanedimethanamine	60112-98-3	Refer to 1,3-cyclohexanedimethanamine for this data.
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine	111850-23-8	Acute Aquatic Cat. 3; Chronic Aquatic Cat. 3
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate		



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	41556-26-7	Acute Aquatic Cat. 1; Chronic Aquatic Cat. 1
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### 12.2. Persistence and degradability

<b>PRO-SET® ACE-262 Hardener</b>	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

<b>PRO-SET® ACE-262 Hardener</b>	
Bioaccumulative potential	Not established.
<b>Trimethylhexamethylenediamine (25620-58-0)</b>	
Partition coefficient n-octanol/water	0.77 (at 23 °C)
<b>Benzyl alcohol (100-51-6)</b>	
Partition coefficient n-octanol/water	1.1
<b>Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)</b>	
Partition coefficient n-octanol/water	0.37 (at 25 °C)

### 12.4. Mobility in soil

<b>PRO-SET® ACE-262 Hardener</b>	
Ecology - soil	No additional information available.

### 12.5. Other adverse effects

Effect on global warming : No known effects from this product.  
Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

### 14.1. UN number

UN-No.(DOT/TDG) : UN2735  
UN-No. (IMDG) : 2735  
UN-No. (IATA) : 2735

### 14.2. UN proper shipping name

Proper Shipping Name (DOT/TDG) : Polyamines, liquid, corrosive, n.o.s. (1,3-Cyclohexanedimethanamine)  
Proper Shipping Name (IMDG) : POLYAMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Cyclohexanedimethanamine)  
Proper Shipping Name (IATA) : Polyamines, liquid, corrosive, n.o.s. (1,3-Cyclohexanedimethanamine)

### 14.3. Transport hazard class(es)

#### Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

Class (DOT/TDG) : 8  
Hazard labels (DOT/TDG) : 8

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### IMDG

Transport hazard class(es) (IMDG) : 8

Danger labels (IMDG) : 8



### IATA

Transport hazard class(es) (IATA) : 8

Danger labels (IATA) : 8



#### 14.4. Packing group

Packing group (DOT/TDG) : III

Packing group (IMDG) : III

Packing group (IATA) : III

#### 14.5. Environmental hazards

Marine Pollutant : No

Other information : No supplementary information available.

#### 14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

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

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) inventory.

**Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane and 1,3-cyclohexanedimethanamine (60112-98-3)**

Listed on the Canadian NDSL (Non-Domestic Substances List)

#### 15.2. International regulations

No additional information available

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### 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

#### Trimethylhexamethylenediamine (25620-58-0)

U.S. - New Jersey - Right to Know Hazardous Substance List

#### Benzyl alcohol (100-51-6)

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - Massachusetts - Right To Know List

## SECTION 16: Other information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Revision date : 01/03/2022  
Other information : None.  
Prepared by : Nexreg Compliance Inc.

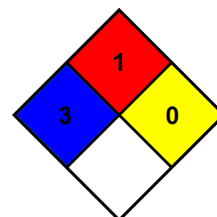
[www.Nexreg.com](http://www.Nexreg.com)



### Full text of H-statements

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Skin sensitisation, Category 1

NFPA health hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.  
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.  
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  
Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)  
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.

### Indication of changes:

SDS update.

SDS HazCom 2012 - WHMIS 2015 (Nexreg) 2021 (B&W)

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