

## 1. Product and Company Identification

<b>Product identifier</b>	<b>BOILERMATE 3300C</b>
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Boiler Water Treatment
<b>Recommended restrictions</b>	None known.
<b>Manufacturer information</b>	Miura America Co., Ltd 2200 Steven B Smith Blvd Rockmart, GA 30153 USA Phone: 678-685-0929 Toll Free: 1-888-309-5574 Fax: 678-685-0930 Emergency Phone: 1-800-424-9300 (CHEMTREC)

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 3
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Reproductive toxicity	Category 2
<b>Environmental hazards</b>	Not classified.	
<b>WHMIS 2015 defined hazards</b>	Not classified	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	Flammable liquid and vapor. Harmful if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. Suspected of damaging fertility.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
<b>Response</b>	In case of fire: Use appropriate media to extinguish. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. Specific treatment (see information on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF exposed or concerned: Get medical attention.
<b>Storage</b>	Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal</b>	Dispose of container in accordance with local, regional, national and international regulations.

<b>WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)</b>	None known
<b>WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)</b>	None known
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

### 3. Composition/Information on Ingredients

#### Mixture

Chemical name	Common name and synonyms	CAS number	%
Cyclohexylamine		108-91-8	10 - 30 *
Morpholine		110-91-8	10 - 30 *

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** \*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.  
US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

### 4. First Aid Measures

<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.
<b>Skin contact</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. Specific treatment (see information on this label).
<b>Eye contact</b>	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.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
<b>Most important symptoms/effects, acute and delayed</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
<b>Indication of immediate medical attention and special treatment needed</b>	Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Wear rubber gloves and chemical splash goggles. Keep out of reach of children.

### 5. Fire Fighting Measures

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Vapors may travel considerable distance to a source of ignition and flash back. Vapors may form explosive mixtures with air.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self-contained breathing apparatus.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Flammable liquid and vapor.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of nitrogen. Oxides of carbon. Ammonia.

### 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Do not breathe mist or vapor. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
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**Methods and materials for containment and cleaning up**

Stop leak if you can do so without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Do not discharge into lakes, streams, ponds or public waters.

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## 7. Handling and Storage

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**Precautions for safe handling**

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.  
 Avoid contact with eyes, skin and clothing.  
 Wear appropriate personal protective equipment.  
 Do not breathe mist or vapor.  
 Use only with adequate ventilation.  
 Avoid prolonged exposure.  
 Use good industrial hygiene practices in handling this material.  
 Wash thoroughly after handling.  
 When using, do not eat, drink or smoke.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry place out of direct sunlight.  
 Store in a well-ventilated place.  
 Store away from incompatible materials (see Section 10 of the SDS).  
 Keep out of reach of children.  
 Store locked up.

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## 8. Exposure Controls/Personal Protection

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**Occupational exposure limits****Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

Components	Type	Value
Cyclohexylamine (CAS 108-91-8)	TWA	41 mg/m3 10 ppm
Morpholine (CAS 110-91-8)	TWA	71 mg/m3 20 ppm

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

Components	Type	Value
Cyclohexylamine (CAS 108-91-8)	TWA	10 ppm
Morpholine (CAS 110-91-8)	TWA	20 ppm

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

Components	Type	Value
Cyclohexylamine (CAS 108-91-8)	TWA	10 ppm
Morpholine (CAS 110-91-8)	TWA	20 ppm

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

Components	Type	Value
Cyclohexylamine (CAS 108-91-8)	TWA	10 ppm
Morpholine (CAS 110-91-8)	TWA	20 ppm

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

Components	Type	Value
Cyclohexylamine (CAS 108-91-8)	TWA	41 mg/m3 10 ppm
Morpholine (CAS 110-91-8)	TWA	71 mg/m3 20 ppm

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
Morpholine (CAS 110-91-8)	PEL	70 mg/m3 20 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Cyclohexylamine (CAS 108-91-8)	TWA	10 ppm
Morpholine (CAS 110-91-8)	TWA	20 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
Cyclohexylamine (CAS 108-91-8)	TWA	40 mg/m3
		10 ppm
Morpholine (CAS 110-91-8)	STEL	105 mg/m3
		30 ppm
	TWA	70 mg/m3
		20 ppm

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** See above

**Canada - Alberta OELs: Skin designation**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**Canada - British Columbia OELs: Skin designation**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**Canada - Manitoba OELs: Skin designation**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**Canada - Ontario OELs: Skin designation**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**Canada - Quebec OELs: Skin designation**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**Canada - Saskatchewan OELs: Skin designation**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**US. NIOSH: Pocket Guide to Chemical Hazards**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Morpholine (CAS 110-91-8) Can be absorbed through the skin.

**Appropriate engineering controls** Ensure adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles) and a face shield.

**Skin protection**

**Hand protection** Impervious gloves. Confirm with reputable supplier first.

**Other** As required by employer code.

**Respiratory protection**

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

**Thermal hazards**

Not applicable.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using do not eat or drink.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Transparent
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid
<b>Color</b>	Colourless - yellow
<b>Odor</b>	Slight amine
<b>Odor threshold</b>	Not available.
<b>pH</b>	11.4 (1% water solution)
<b>Melting point/freezing point</b>	Not available.

<b>Initial boiling point and boiling range</b>	Not available.
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	0.99
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	129.2 °F (54.0 °C) Tag Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

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## 10. Stability and Reactivity

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<b>Reactivity</b>	May react with incompatible materials.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Do not mix with other chemicals.
<b>Incompatible materials</b>	Oxidizers. Acids.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of nitrogen. Oxides of carbon. Ammonia.

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## 11. Toxicological Information

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<b>Routes of exposure</b>	Eye, Skin contact, Skin absorption, Inhalation, Ingestion.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Harmful if swallowed. May cause stomach distress, nausea or vomiting.
<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	Toxic in contact with skin. Causes severe skin burns.
<b>Eye contact</b>	Causes serious eye damage.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### Information on toxicological effects

**Acute toxicity** Harmful if swallowed. Toxic in contact with skin.

Components	Species	Test Results
Cyclohexylamine (CAS 108-91-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	277 mg/kg, HSDB
<i>Inhalation</i>		
LC50	Mouse	1.1 mg/L, SAX/CCOHS
	Rat	16.2 mg/L, 4 Hours, HSDB/CCOHS: cited as 4000ppm

Components	Species	Test Results
		7.5 mg/L, HSDB/CCOHS/Sigma
<i>Oral</i> LD50	Mouse	224 mg/kg
	Rat	1660 mg/kg, ECHA 432 mg/kg, ECHA 350 ml/kg, ECHA 348 mg/kg, ECHA 156 mg/kg
Morpholine (CAS 110-91-8)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	500 mg/kg, LOLI 500 mg/kg, 24 Hours, ECHA 0.5 ml/kg, HSDB 0.3 - 0.8 ml/kg, 24 Hours, ECHA
<i>Inhalation</i> LC50	Mouse	1320 mg/m <sup>3</sup> , 2 Hours, HSDB 370 ppm, 2 Hours, HSDB 24 mg/L, 4 Hours, HSDB 1.3 mg/L, 2 Hours, HSDB
	Rat	28.5 mg/L, 8 Hours, HSDB 18.1 mg/L, 6 Hours, HSDB
<i>Oral</i> LD50	Guinea pig	900 mg/kg, Cheminfo 0.1 g/kg, HSDB
	Mouse	720 mg/kg, HSDB 525 mg/kg, Cheminfo
	Rat	1900 mg/kg, ECHA 1680 mg/kg, ECHA 1600 mg/kg, ECHA 1050 mg/kg, LOLI 1.1 g/kg, HSDB
<b>Skin corrosion/irritation</b>	Causes severe skin burns and eye damage.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	
<b>Respiratory or skin sensitization</b>		
<b>Canada - Alberta OELs: Irritant</b>		
Cyclohexylamine (CAS 108-91-8)	Irritant	
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitization</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.	
<b>Mutagenicity</b>	Not classified.	

**Carcinogenicity** See below.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Morpholine (CAS 110-91-8)

Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity to humans.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Teratogenicity** Not classified.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not classified.

**Chronic effects** Prolonged inhalation may be harmful.

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## 12. Ecological Information

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**Ecotoxicity** See below

**Ecotoxicological data**

**Components**

**Species**

**Test Results**

Cyclohexylamine (CAS 108-91-8)

**Aquatic**

Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	44 mg/L, 96 hours
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Morpholine (CAS 110-91-8)

**Aquatic**

Fish	LC50	Zebra danio (Danio rerio)	> 1 mg/L, 96 hours
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**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Mobility in general** Not available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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## 13. Disposal Considerations

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**Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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## 14. Transport Information

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**Transport of Dangerous Goods (TDG) Proof of Classification** Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.

**U.S. Department of Transportation (DOT)**

**Basic shipping requirements:**

<b>UN number</b>	UN2734
<b>Proper shipping name</b>	Amine, liquid, corrosive, flammable, n.o.s.
<b>Technical name</b>	MORPHOLINE
<b>Technical name</b>	Cyclohexylamine
<b>Hazard class</b>	8
<b>Subsidiary hazard class</b>	3
<b>Packing group</b>	II
<b>Special provisions</b>	IB2, T11, TP2, TP27

## Transportation of Dangerous Goods (TDG - Canada)

### Basic shipping requirements:

UN number	UN2734
Proper shipping name	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
Technical name	MORPHOLINE
Technical name	Cyclohexylamine
Hazard class	8
Subsidiary hazard class	3
Packing group	II
Special provisions	16

### DOT



### TDG



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## 15. Regulatory Information

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**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

### Export Control List (CEPA 1999, Schedule 3)

Not listed.

### Greenhouse Gases

Not listed.

### Precursor Control Regulations

Not regulated.

**WHMIS 2015 Exemptions** Controlled

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Cyclohexylamine (CAS 108-91-8) Listed.

Morpholine (CAS 110-91-8) Listed.

### US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity

Cyclohexylamine (CAS 108-91-8) 10000 LBS

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No



**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Cyclohexylamine (CAS 108-91-8)

**US state regulations**

See below

**US - California Hazardous Substances (Director's): Listed substance**

Cyclohexylamine (CAS 108-91-8) Listed.

Morpholine (CAS 110-91-8) Listed.

**US - Illinois Chemical Safety Act: Listed substance**

Cyclohexylamine (CAS 108-91-8)

Morpholine (CAS 110-91-8)

**US - Louisiana Spill Reporting: Listed substance**

Cyclohexylamine (CAS 108-91-8) Listed.

Morpholine (CAS 110-91-8) Listed.

**US - Minnesota Haz Subs: Listed substance**

Cyclohexylamine (CAS 108-91-8) Listed.

Morpholine (CAS 110-91-8) Listed.

**US - New Jersey RTK - Substances: Listed substance**

Cyclohexylamine (CAS 108-91-8)

Morpholine (CAS 110-91-8)

**US - Texas Effects Screening Levels: Listed substance**

Cyclohexylamine (CAS 108-91-8) Listed.

Morpholine (CAS 110-91-8) Listed.

**US. Massachusetts RTK - Substance List**

Cyclohexylamine (CAS 108-91-8)

Morpholine (CAS 110-91-8)

**US. New Jersey Worker and Community Right-to-Know Act**

Cyclohexylamine (CAS 108-91-8)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Cyclohexylamine (CAS 108-91-8)

Morpholine (CAS 110-91-8)

**US. Rhode Island RTK**

Cyclohexylamine (CAS 108-91-8)

Morpholine (CAS 110-91-8)

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**Inventory status**

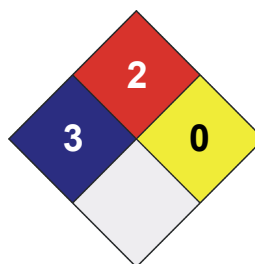
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	* 3
<b>FLAMMABILITY</b>	2
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	X



**Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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03

**Effective date**

28-November-2018

**Prepared by**

Dell Tech Laboratories, Ltd. Phone: (519) 858-5021

**Other information**

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.