

Classic Max™ 200/400/600 B Side

SDS Preparation Date (mm/dd/yyyy): 05/09/2017

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

**Product identifier used on the label**

: **Classic Max™ 200/400/600 B Side**

**Product Code(s)** : F0082/F0084/F0086

**Recommended use of the chemical and restrictions on use**

: Spray foam.  
Recommended restrictions: None known.

**Chemical family** : Mixture

**Name, address, and telephone number of the supplier:**

**Icynene Inc.**

6747 Campobello Rd.  
Mississauga, Ontario, Canada  
L5N 2L7

Supplier's Telephone # : (800) 758-7325

**24 Hr. Emergency Tel #** : (613) 996-6666

**Name, address, and telephone number of the manufacturer:**

Refer to supplier

### SECTION 2. HAZARDS IDENTIFICATION

**Classification of the chemical**

White liquid.Compressed gas.Amine odour.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

**Hazard classification:**

Compressed gas

Acute toxicity, oral - Category 4

Skin Corrosion/Irritation - Category 1

Eye Damage/Irritation - Category 1

Reproductive Toxicity - Category 2

Specific target organ toxicity, single exposure - Category 2 Kidney

**Label elements**

*Hazard pictogram(s)*



*Signal Word*

Danger

*Hazard statement(s)*

Contains gas under pressure; may explode if heated.

Harmful if swallowed.

Causes severe skin burns and eye damage.

Suspected of damaging fertility or the unborn child.

May cause damage to organs.

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### Precautionary statement(s)

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe mist or vapor.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/clothing and eye/face protection.

IF exposed or concerned: Get medical attention/advice.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
Call a poison center/doctor if you feel unwell.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Immediately call a POISON CENTER or doctor/physician.  
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.

Store locked up.  
Protect from sunlight and store in well-ventilated place.

Dispose of contents/container in accordance with local regulation.

### Other hazards

Other hazards which do not result in classification: Ingestion may cause severe irritation to the mouth, throat and stomach.:

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Tris(2-chloroisopropyl) phosphate	Phosphoric trichloride, reaction products with propylene oxide 2,2,4-Trimethyl-1,3-pentanediol mono(2-methylpropanoate)	1244733-77-4	40.0 - 60.0
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	Bis(3-dimethylaminopropyl)amine	6711-48-4	5.50
1, 1, 1, 2-Tetrafluoroethane	R134a	811-97-2	7.0 - 10.0
Urea, [3-(dimethylamino)propyl]-	Not available.	31506-43-1	0.1 - 1.0
Dimethylaminoethoxyethanol	Ethanol, 2-[2-(dimethylamino)ethoxy]-; DMEE	1704-62-7	0.1 - 1.0
Ethylene glycol	1,2-Ethanediol 1,2-Dihydroxyethane EG	107-21-1	0.1 - 1.0

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

*Ingestion* : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms persist.

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- Inhalation* : If inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Call a POISON CENTRE or doctor/physician if you feel unwell.
- Skin contact* : IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before re-use.
- Eye contact* : For eye contact, flush with running water for at least 15 minutes. If eye irritation persists: get medical advice/attention.

### Most important symptoms and effects, both acute and delayed

- : Causes skin burns. Contact may cause redness, swelling and a painful sensation. Can cause irritation, redness, tearing, and blurred vision and/or eye damage. Suspected of damaging fertility or the unborn child. May cause damage to the kidneys if swallowed. Ingestion may cause severe irritation to the mouth, throat and stomach.

### Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

#### *Suitable extinguishing media*

- : Carbon dioxide (CO<sub>2</sub>); Dry chemical; Alcohol resistant foam; Water fog

#### *Unsuitable extinguishing media*

- : Do not use a solid water stream as it may scatter and spread fire.

### Special hazards arising from the substance or mixture / Conditions of flammability

- : Contains gas under pressure; may explode if heated. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Burning produces obnoxious and toxic fumes.

### Flammability classification (OSHA 29 CFR 1910.106)

- : Non-flammable.

### Hazardous combustion products

- : Carbon dioxide and carbon monoxide.

### Special protective equipment and precautions for firefighters

#### *Protective equipment for fire-fighters*

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

#### *Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- : All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

**Environmental precautions** : Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

### Methods and material for containment and cleaning up

- : Ventilate the area. Prevent further leakage or spillage if safe to do so. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Contact the proper local authorities. Refer to Section 13 for disposal of contaminated material.

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### Special spill response procedures

- : Contact appropriate local and provincial environmental authorities for assistance and/or reporting requirements.

### SECTION 7. HANDLING AND STORAGE

#### Precautions for safe handling

- : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. Use only in well-ventilated areas. Do not breathe mist or vapor. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

- Conditions for safe storage** : Store in cool/well-ventilated place. Store locked up. Protect from sunlight. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking.

- Incompatible materials** : Strong oxidizing agents

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>				
	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Tris(2-chloroisopropyl) phosphate	N/Av	N/Av	N/Av	N/Av
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	N/Av	N/Av	N/Av	N/Av
1, 1, 1, 2-Tetrafluoroethane	N/Av	N/Av	N/Av	N/Av
Urea, [3-(dimethylamino)propyl]-	N/Av	N/Av	N/Av	N/Av
Dimethylaminoethoxyethanol	N/Av	N/Av	N/Av	N/Av
Ethylene glycol	100 mg/m <sup>3</sup> (aerosol) (Ceiling)	N/Av	50 ppm (final rule limit)	N/Av

#### Exposure controls

##### Ventilation and engineering measures

- : Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

##### Respiratory protection

- : If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection specialists.

##### Skin protection

- : Wear protective gloves/clothing. Advice should be sought from glove suppliers.

##### Eye / face protection

- : Wear eye/face protection. Tightly fitting safety goggles

##### Other protective equipment

- : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

##### General hygiene considerations

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: Do not breathe mist or vapor. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** : White liquid. Compressed gas  
**Odour** : Amine odour.  
**Odour threshold** : No information available.  
**pH** : 11  
**Melting/Freezing point** : No information available.  
**Initial boiling point and boiling range**  
: N/Av  
**Flash point** : Not flammable  
**Flashpoint (Method)** : N/Av  
**Evaporation rate (BuAe = 1)** : N/Av  
**Flammability (solid, gas)** : Not applicable.  
**Lower flammable limit (% by vol.)**  
: Not applicable.  
**Upper flammable limit (% by vol.)**  
: Not applicable.  
**Oxidizing properties** : None known.  
**Explosive properties** : Not explosive  
**Vapour pressure** : N/Av  
**Vapour density** : N/Av  
**Relative density / Specific gravity**  
: 1.1  
**Solubility in water** : Soluble  
**Other solubility(ies)** : No information available.  
**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**  
: No information available.  
**Auto-ignition temperature** : No information available.  
**Decomposition temperature** : No information available.  
**Viscosity** : 700 Cps @ 25°C  
**Volatiles (% by weight)** : N/Av  
**Volatile organic Compounds (VOC's)**  
: N/Av  
**Absolute pressure of container**  
: Not applicable.  
**Flame projection length** : Not applicable.  
**Other physical/chemical comments**  
: No additional information.

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity** : Not normally reactive.  
**Chemical stability** : Stable under normal conditions.  
**Possibility of hazardous reactions**  
: Hazardous polymerization does not occur.  
**Conditions to avoid** : Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

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**Incompatible materials** : See Section 7 (Handling and Storage) for further details.

**Hazardous decomposition products**

: See Section 5 (Fire Fighting Measures).

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : YES

**Routes of exposure skin absorption**

: YES

#### Potential Health Effects:

##### **Signs and symptoms of short-term (acute) exposure**

###### *Sign and symptoms Inhalation*

: May cause respiratory irritation.

###### *Sign and symptoms ingestion*

: Harmful if swallowed. Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.

###### *Sign and symptoms skin*

: Causes severe skin irritation. Symptoms may include blistering, ulcerations and scarring.

###### *Sign and symptoms eyes*

: Causes serious eye damage. Symptoms may include redness, pain, tearing and conjunctivitis.

##### **Potential Chronic Health Effects**

: Chronic skin contact with low concentrations may cause dermatitis.

##### **Mutagenicity**

: Not expected to be mutagenic in humans.

##### **Carcinogenicity**

: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

##### **Reproductive effects & Teratogenicity**

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Reproductive Toxicity - Category 2 - Suspected of damaging fertility or the unborn child. Contains ethylene glycol, which may cause teratogenic effects at doses which are not maternally toxic, based on animal data.

##### **Sensitization to material**

: Not expected to be a skin or respiratory sensitizer.

##### **Specific target organ effects**

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Specific target organ toxicity, single exposure - Category 2 - May cause damage to organs. Ethylene glycol may cause kidney stones and kidney damage if ingested.

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

##### **Medical conditions aggravated by overexposure**

: Pre-existing skin, eye, respiratory and central nervous system disorders.

##### **Synergistic materials**

: No information available.

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**Toxicological data** : There is no data available for this product. The calculated ATE values for this mixture are: ATE oral = 1357.46 mg/kg  
ATE dermal = 4539.11mg/kg

<b>Chemical name</b>	<b>LC<sub>50</sub>(4hr) inh, rat</b>	<b>LD<sub>50</sub></b>	
		<b>(Oral, rat)</b>	<b>(Rabbit, dermal)</b>
Tris(2-chloroisopropyl) phosphate	> 4.6 mg/L (aerosol) (No mortality) (Read-across)	632 - 2000 mg/kg (Read-across)	> 2000 mg/kg (No mortality) (Read-across)
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	N/Av	1620 µL/kg	N/Av
1, 1, 1, 2-Tetrafluoroethane	1500 g/m3	N/Ap (gas)	N/Ap (gas)
Urea, [3-(dimethylamino)propyl]-	N/Av	>2,000 mg/kg	>2000 mg/kg
Dimethylaminoethoxyethanol	>0.39 mg/L	1653mg/kg	>2150-<3830 mg/kg
Ethylene glycol	4300 ppm (10.92 mg/L) (aerosol)	4000 mg/kg (rat) The estimated human lethal dose is: 1110 - 1665 mg/kg	9530 mg/kg

**Other important toxicological hazards**

: None reported by the manufacturer.

### SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity** : Not expected to be harmful to aquatic organisms. Do not release, unmonitored, into the environment.

**Ecotoxicity data:**

<b>Ingredients</b>	<b>CAS No</b>	<b>Toxicity to Fish</b>		
		<b>LC50 / 96h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Tris(2-chloroisopropyl) phosphate	1244733-77-4	51 mg/L (Fathead minnow) (Read-across)	5.2 mg/L (QSAR) (Read-across)	None.
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	6711-48-4	N/Av	N/Av	N/Av
1, 1, 1, 2-Tetrafluoroethane	811-97-2	N/Ap	N/Ap	N/Ap
Urea, [3-(dimethylamino)propyl]-	31506-43-1	>100 mg/L	N/Av	None.
Dimethylaminoethoxyethanol	1704-62-7	320mg/L	N/Av	None.
Ethylene glycol	107-21-1	22 810 mg/L (Rainbow trout)	N/Av	None.

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<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Tris(2-chloroisopropyl) phosphate	1244733-77-4	131 mg/L (Daphnia magna) (Read-across)	32 mg/L (Read-across)	None.
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	6711-48-4	N/Av	N/Av	N/Av
1, 1, 1, 2-Tetrafluoroethane	811-97-2	N/Ap	N/Ap	N/Ap
Urea, [3-(dimethylamino)propyl]-	31506-43-1	N/Av	N/Av	None.
Dimethylaminoethoxyethanol	1704-62-7	>100 mg/L	N/Av	None.
Ethylene glycol	107-21-1	49 000 mg/L (Daphnia magna)	7500 - 15 000 mg/L	None.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Tris(2-chloroisopropyl) phosphate	1244733-77-4	82 mg/L/72hr (Green algae) (Read-across)	13 mg/L/72hr (Read-across)	None.
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	6711-48-4	N/Av	N/Av	N/Av
1, 1, 1, 2-Tetrafluoroethane	811-97-2	N/Ap	N/Ap	N/Ap
Urea, [3-(dimethylamino)propyl]-	31506-43-1	>100mg/L	N/Av	None.
Dimethylaminoethoxyethanol	1704-62-7	160 mg/L	40 mg/L	None.
Ethylene glycol	107-21-1	6500 - 13 000 mg/L/96hr (Green algae)	10 000 mg/L/96hr	None.

**Persistence and degradability**

: No data is available on the product itself.

**Bioaccumulation potential**

: No data is available on the product itself.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Tris(2-chloroisopropyl) phosphate (CAS 1244733-77-4)	2.59	1.9-4.6
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl- (CAS 6711-48-4)	N/Av	N/Av
1, 1, 1, 2-Tetrafluoroethane (CAS 811-97-2)	N/Ap	N/Ap
Dimethylaminoethoxyethanol (CAS 1704-62-7)	0.778	3.16
Ethylene glycol (CAS 107-21-1)	- 1.36	10

**Mobility in soil** : The product itself has not been tested.

**Other Adverse Environmental effects**

: None known.



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### SECTION 13. DISPOSAL CONSIDERATIONS

- Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.
- Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations.
- RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

### SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN1956	COMPRESSED GAS, N.O.S. (1,1,1,2-Tetrafluoroethane)	2.2	none	
<b>TDG Additional information</b>	None.				
IMDG	UN1956	COMPRESSED GAS, N.O.S. (1,1,1,2-Tetrafluoroethane)	2.2	none	
<b>IMDG Additional information</b>	Consult the IMDG regulations for exceptions.				
ICAO/IATA	UN1956	Compressed gas, n.o.s. (1,1,1,2-Tetrafluoroethane)	2.2	none	
<b>ICAO/IATA Additional information</b>	Refer to ICAO/IATA Packing Instruction				
49CFR/DOT	UN1956	Compressed gas, N.O.S. (1,1,1,2-Tetrafluoroethane)	2.2	none	
<b>49CFR/DOT Additional information</b>	None.				

- Special precautions for user** : Appropriate advice on safety must accompany the package.
- Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : This information is not available.

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

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<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Tris(2-chloroisopropyl) phosphate	1244733-77-4	Yes	None.	None.	No	N/Ap
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	6711-48-4	Yes	N/Ap	N/Av	No	NS
1, 1, 1, 2-Tetrafluoroethane	811-97-2	Yes	None.	N/Av	No	N/Ap
Urea, [3-(dimethylamino)propyl]-	31506-43-1	Yes	N/Ap	N/Av	No	N/Ap
Dimethylaminoethoxyethanol	1704-62-7	Yes	N/Ap	N/Av	No	N/Ap
Ethylene glycol	107-21-1	Yes	5000 lb/ 2270 kg	None.	Yes	1%

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Immediate (Acute) health hazard; Chronic Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Tris(2-chloroisopropyl) phosphate	1244733-77-4	No	N/Ap	No	No	No	No	No	No
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	6711-48-4	No	N/Ap	No	No	No	No	No	No
1, 1, 1, 2-Tetrafluoroethane	811-97-2	No	N/Ap	No	No	Yes	No	No	No
Urea, [3-(dimethylamino)propyl]-	31506-43-1	No	N/Ap	No	No	No	No	No	No
Dimethylaminoethoxyethanol	1704-62-7	No	N/Ap	No	No	No	No	No	No
Ethylene glycol	107-21-1	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

**Canadian Information:**

Canadian Environmental Protection Act (CEPA): All ingredients listed appear on the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

**International Information:**

Components listed below are present on the following International Inventory list:

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<b>Ingredients</b>	<b>CAS #</b>	<b>European EINECS</b>	<b>Australia AICS</b>	<b>Philippines PICCS</b>	<b>Japan ENCS</b>	<b>Korea KECI/KECL</b>	<b>China IECSC</b>	<b>NewZealand IOC</b>
Tris(2-chloroisopropyl) phosphate	1244733-77-4	911-815-4	Present	Present	(2)-3729, (2)-2951	KE-05878	Present	HSR004044
1,3-Propanediamine, N'-[3-(dimethylamino)propyl]-N,N-dimethyl-	6711-48-4	229-761-9	Present	Present		2002-1-528; KE-05-0505	Present	Present
1, 1, 1, 2-Tetrafluoroethane	811-97-2	212-377-0	Present	Present	(2)-3585	KE-33426	Present	HSR001031
Urea, [3-(dimethylamino)propyl]-	31506-43-1	Listed	Not listed	Not listed	Not listed	2001-3-1784	Present	No data available.
Dimethylaminoethoxyethanol	1704-62-7	216-940-1	Present	Present	(2)-454	KE-11143	Present	No data available.
Ethylene glycol	107-21-1	203-473-3	Present	Present	(2)-230	KE-13169	Present	HSR001534

### SECTION 16. OTHER INFORMATION

**Legend**

: ACGIH: American Conference of Governmental Industrial Hygienists  
 AICS: Australian Inventory of Chemical Substances  
 ATE: Acute Toxicity Estimate  
 CA: California  
 CAS: Chemical Abstract Services  
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
 CFR: Code of Federal Regulations  
 CSA: Canadian Standards Association  
 DOT: Department of Transportation  
 ECHA: European Chemicals Agency  
 ECOTOX: U.S. EPA Ecotoxicology Database  
 EINECS: European Inventory of Existing Commercial chemical Substances  
 ENCS: Existing and New Chemical Substances  
 EPA: Environmental Protection Agency  
 HSDB: Hazardous Substances Data Bank  
 IARC: International Agency for Research on Cancer  
 IBC: Intermediate Bulk Container  
 IECSC: Inventory of Existing Chemical Substances  
 IMDG: International Maritime Dangerous Goods  
 IOC: Inventory of Chemicals  
 IUCLID: International Uniform Chemical Information Database  
 KECI: Korean Existing Chemicals Inventory  
 KECL: Korean Existing Chemicals List  
 LC: Lethal Concentration  
 LD: Lethal Dose  
 MA: Massachusetts  
 MN: Minnesota  
 N/Ap: Not Applicable  
 N/Av: Not Available  
 NIOSH: National Institute of Occupational Safety and Health  
 NJ: New Jersey  
 NOEC: No observable effect concentration  
 NTP: National Toxicology Program  
 OECD: Organisation for Economic Co-operation and Development  
 OSHA: Occupational Safety and Health Administration  
 PA: Pennsylvania  
 PEL: Permissible exposure limit  
 PICCS: Philippine Inventory of Chemicals and Chemical Substances  
 RCRA: Resource Conservation and Recovery Act  
 RI: Rhode Island

**Classic Max™ 200/400/600 B Side**

**SDS Preparation Date (mm/dd/yyyy): 05/09/2017**

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## SAFETY DATA SHEET

RTECS: Registry of Toxic Effects of Chemical Substances  
 SARA: Superfund Amendments and Reauthorization Act  
 SDS: Safety Data Sheet / Material Safety Data Sheet  
 STEL: Short Term Exposure Limit  
 TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
 TLV: Threshold Limit Values  
 TSCA: Toxic Substance Control Act  
 TWA: Time Weighted Average  
 WHMIS: Workplace Hazardous Materials Identification System

**References**

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016
- 2. International Agency for Research on Cancer Monographs, searched 2017
- 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2017(Chempendium, HSDB and RTECs).
- 4. Material Safety Data Sheets from manufacturer.
- 5. US EPA Title III List of Lists - 2017 version.
- 6. California Proposition 65 List - 2017 version.
- 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,2017.

**Preparation Date (mm/dd/yyyy)**

: 05/09/2017

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

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