

## 1. Identification

<b>Product identifier</b>	<b>Iron Out Automatic Toilet Bowl Cleaner</b>
<b>Other means of identification</b>	Not available.
<b>Recommended use</b>	Toilet bowl cleaner
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer</b>	
<b>Company name</b>	Iron Out dba Summit Brands
<b>Address</b>	6714 Pointe Inverness Way, Suite 200 Fort Wayne, IN 46804-7935 United States
<b>Telephone</b>	260-483-2519
<b>E-mail</b>	Not available.
<b>Emergency phone number</b>	1-800-424-9300 (CHEMTREC)
<b>Supplier</b>	See above.

## 2. Hazard identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Reproductive toxicity	Category 1B
<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>	Causes skin irritation. Causes serious eye damage. May damage fertility or the unborn child.
<b>Precautionary statement</b>	
<b>Prevention</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.
<b>Response</b>	IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it 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. Immediately call a POISON CENTER or doctor. IF exposed or concerned: Get medical attention.
<b>Storage</b>	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	%
Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, acetate, exo-		125-12-2	1-5*
Dodecanamide, N-(2-hydroxyethyl)-		142-78-9	10-30*
Methanol		67-56-1	0.1-1*
Monoethanolamine		141-43-5	1-5*
N-(2-hydroxyethyl)myristamide		142-58-5	5-10*
N-(2-hydroxyethyl)oleamide		111-58-0	1-5*
Octadecanamide, N-(2-hydroxyethyl)-		111-57-9	1-5*
Palmitol		544-31-0	1-5*
Sodium carboxymethyl cellulose		9004-32-4	1-5*
Sodium hydrosulfite		7775-14-6	10-30*
Sodium lauryl sulfate		151-21-3	5-10*

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

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

### 4. First-aid measures

<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of water. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention.
<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>	Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
<b>General information</b>	IF exposed or concerned: Get medical advice. If you feel unwell, seek medical advice (show the label where possible). 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. Avoid contact with eyes and skin. Keep out of reach of children.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. 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>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of sulfur. Hydrogen sulfide.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

### Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.

## 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. Avoid contact with eyes, skin, and clothing. Pregnant or breastfeeding women must not handle this product. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink.

### Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

## 8. Exposure controls/Personal protection

### Occupational exposure limits

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

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	328 mg/m <sup>3</sup> 250 ppm
	TWA	262 mg/m <sup>3</sup> 200 ppm
Monoethanolamine (CAS 141-43-5)	STEL	15 mg/m <sup>3</sup> 6 ppm
	TWA	7.5 mg/m <sup>3</sup> 3 ppm

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

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	250 ppm
	TWA	200 ppm
Monoethanolamine (CAS 141-43-5)	STEL	6 ppm
	TWA	3 ppm

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

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	250 ppm
	TWA	200 ppm
Monoethanolamine (CAS 141-43-5)	STEL	6 ppm
	TWA	3 ppm

#### Canada. New Brunswick Regulation 91-191, as amended

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	328 mg/m <sup>3</sup> 250 ppm
	TWA	262 mg/m <sup>3</sup> 200 ppm

**Canada. New Brunswick Regulation 91-191, as amended**

Components	Type	Value
Monoethanolamine (CAS 141-43-5)	STEL	15 mg/m3
		6 ppm
	TWA	7.5 mg/m3
		3 ppm

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

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	250 ppm
	TWA	200 ppm
Monoethanolamine (CAS 141-43-5)	STEL	6 ppm
	TWA	3 ppm

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	328 mg/m3
		250 ppm
	TWA	262 mg/m3
		200 ppm
Monoethanolamine (CAS 141-43-5)	STEL	15 mg/m3
		6 ppm
	TWA	7.5 mg/m3
		3 ppm

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 2020. S-15.1 Reg. 10. Table 18)**

Components	Type	Value
Methanol (CAS 67-56-1)	15 minute	250 ppm
	8 hour	200 ppm
Monoethanolamine (CAS 141-43-5)	15 minute	6 ppm
	8 hour	3 ppm

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

Components	Type	Value
Methanol (CAS 67-56-1)	PEL	260 mg/m3
		200 ppm
Monoethanolamine (CAS 141-43-5)	PEL	6 mg/m3
		3 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	250 ppm
	TWA	200 ppm
Monoethanolamine (CAS 141-43-5)	STEL	6 ppm
	TWA	3 ppm

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

Components	Type	Value
Methanol (CAS 67-56-1)	STEL	325 mg/m3
		250 ppm
	TWA	260 mg/m3
		200 ppm
Monoethanolamine (CAS 141-43-5)	STEL	15 mg/m3
	TWA	6 ppm
		8 mg/m3

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/L	Methanol	Urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines**

**Canada - Alberta OELs: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

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

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**Canada - Manitoba OELs: Skin designation**

Methanol (CAS 67-56-1)

Danger of cutaneous absorption

**Canada - Ontario OELs: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**Canada - Quebec OELs: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**Canada - Saskatchewan OELs: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

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

Methanol (CAS 67-56-1)

Danger of cutaneous absorption

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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

**Eye/face protection**

Wear safety glasses with side shields.

**Skin protection**

**Hand protection**

Impervious gloves. Confirm with reputable supplier first.

**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. 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**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using do not eat or drink.

**9. Physical and chemical properties**

<b>Appearance</b>	Tablet. Circular, wrapped in a clear film
<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	3 - 7 (1% solution)
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Specific gravity</b>	Not available.
<b>Flash point</b>	Not available.

Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
<b>Upper/lower flammability or explosive limits</b>	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
<b>Other information</b>	
Pour point	Not available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

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## 10. Stability and reactivity

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Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of sulfur. Hydrogen sulphide.

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## 11. Toxicological information

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

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test Results
Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, acetate, exo- (CAS 125-12-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	20000 mg/kg, ECHA
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 10000 mg/kg, ECHA

Components	Species	Test Results
Dodecanamide, N-(2-hydroxyethyl)- (CAS 142-78-9)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg, ECHA
Methanol (CAS 67-56-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	17100 mg/kg, ECHA
<i>Inhalation</i>		
LC50	Cat	43.7 mg/L, 6 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 2528 mg/kg, ECHA
Monoethanolamine (CAS 141-43-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2504 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	> 1.3 mg/L, 6 Hours, ECHA
<i>Oral</i>		
LD50	Rat	1089 mg/kg, ECHA
N-(2-hydroxyethyl)myristamide (CAS 142-58-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
N-(2-hydroxyethyl)oleamide (CAS 111-58-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Octadecanamide, N-(2-hydroxyethyl)- (CAS 111-57-9)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 3000 mg/kg, ECHA > 2000 mg/kg, ECHA
Palmidrol (CAS 544-31-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg, ECHA
<i>Inhalation</i>		
LC50	Not available	

Components	Species	Test Results
<i>Oral</i> LD50	Rat	> 2000 mg/kg, ECHA
Sodium carboxymethyl cellulose (CAS 9004-32-4)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	> 2000 mg/kg, Sigma Aldrich
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Guinea pig	16000 mg/kg, Food Research. Vol. 13, Pg. 29, 1948.
	Rat	27000 mg/kg, Sigma Aldrich
Sodium hydrosulfite (CAS 7775-14-6)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rat	> 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i> LC50	Rat	> 22 mg/L, 4 Hours, ECHA > 5.5 mg/L, 4 Hours, ECHA
<i>Oral</i> LD50	Rat	2500 mg/kg, ECHA
Sodium lauryl sulfate (CAS 151-21-3)		
<b>Acute</b>		
<i>Dermal</i> LD50	Rabbit	> 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Rat	1200 mg/kg, ECHA
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<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>		
Monoethanolamine (CAS 141-43-5)		Irritant
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	See below.	
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)</b>		
Not listed.		
<b>Reproductive toxicity</b>	May damage fertility or the unborn child.	
<b>Teratogenicity</b>	Methanol has produced teratogenic effects in mice exposed by inhalation to high concentrations that did not produce significant maternal toxicity.	

<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not an aspiration hazard.
<b>Chronic effects</b>	Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** See below

### Ecotoxicological data

Components		Species	Test Results
Methanol (CAS 67-56-1)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/L, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/L, 96 hours
Monoethanolamine (CAS 141-43-5)			
Algae	IC50	Algae	15 mg/L, 72 Hours
Crustacea	EC50	Daphnia	65 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	114 - 196 mg/L, 96 hours
Sodium carboxymethyl cellulose (CAS 9004-32-4)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	46.04 - 165.37 mg/L, 48 hours
Fish	LC50	Crucian carp (Carassius carassius)	> 20000 mg/L, 96 hours
Sodium hydrosulfite (CAS 7775-14-6)			
Algae	IC50	Algae	120 mg/L, 72 Hours
Crustacea	EC50	Daphnia	98 mg/L, 48 Hours
Sodium lauryl sulfate (CAS 151-21-3)			
Algae	IC50	Algae	53 mg/L, 72 Hours
Crustacea	EC50	Daphnia	1.8 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Carp, hawk fish (Cirrhinus mrigala)	1.36 mg/L, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulative potential</b>			
<b>Mobility in soil</b>	No data available.		
<b>Mobility in general</b>	Not available.		
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. 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).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

**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.

**General**

Canada: Marine Pollutants Exemption. 1.45.1. : Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, do not apply to substances that are classified as marine pollutants in accordance with section 2.43 of Part 2, Classification, if they are in transport solely on land by road vehicle or railway vehicle. However, substances may be identified as marine pollutants on a shipping document and the required dangerous goods safety marks may be displayed when they are in transport by road or railway vehicle. (SOR/2008-34, s. 23)

US: CFR 171.4 (c): (1) Except when all or part of the transportation is by vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packagings transported by motor vehicle, rail car or aircraft. (2) Single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass of 5 kg or less for solids, are not subject to any other requirements of this subchapter provided the packagings meet the general requirements in §§173.24 and 173.24a. This exception does not apply to marine pollutants that are a hazardous waste or a hazardous substance. In the case of marine pollutants also meeting the criteria for inclusion in another hazard class, all provisions of this subchapter relevant to any additional hazards continue to apply.

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

Not regulated as dangerous goods.

**Transportation of Dangerous Goods (TDG - Canada)**

Not regulated as dangerous goods.

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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.

**Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number**

Methanol (CAS 67-56-1) 1 TONNES

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

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**WHMIS 2015 Exemptions** Not applicable

**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)**

Methanol (CAS 67-56-1) Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not listed.

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

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories** Skin corrosion or irritation  
Serious eye damage or eye irritation  
Reproductive toxicity

**SARA 313 (TRI reporting)**

Not regulated.

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

Methanol (CAS 67-56-1)

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

Not regulated.

**US state regulations** See below

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

Methanol (CAS 67-56-1) Listed.

Monoethanolamine (CAS 141-43-5) Listed.

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

Methanol (CAS 67-56-1)

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

Methanol (CAS 67-56-1) Listed.

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

Methanol (CAS 67-56-1) Listed.

Monoethanolamine (CAS 141-43-5) Listed.

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

Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, acetate, exo- (CAS 125-12-2) Listed.

Dodecanamide, N-(2-hydroxyethyl)- (CAS 142-78-9) Listed.

Methanol (CAS 67-56-1) Listed.

Monoethanolamine (CAS 141-43-5) Listed.

Octadecanamide, N-(2-hydroxyethyl)- (CAS 111-57-9) Listed.

Palmidrol (CAS 544-31-0) Listed.

Sodium carboxymethyl cellulose (CAS 9004-32-4) Listed.

Sodium hydrosulfite (CAS 7775-14-6) Listed.

Sodium lauryl sulfate (CAS 151-21-3) Listed.

**US. Massachusetts RTK - Substance List**

Methanol (CAS 67-56-1)

Monoethanolamine (CAS 141-43-5)

Sodium hydrosulfite (CAS 7775-14-6)

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

Methanol (CAS 67-56-1)

Monoethanolamine (CAS 141-43-5)

Sodium hydrosulfite (CAS 7775-14-6)

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

Methanol (CAS 67-56-1)

Monoethanolamine (CAS 141-43-5)

Sodium hydrosulfite (CAS 7775-14-6)

**US. Rhode Island RTK**

Methanol (CAS 67-56-1)

Monoethanolamine (CAS 141-43-5)

Sodium hydrosulfite (CAS 7775-14-6)

**US. California Proposition 65**

This product is not subject to warning labeling under the California Proposition 65 regulation.

**Inventory status**

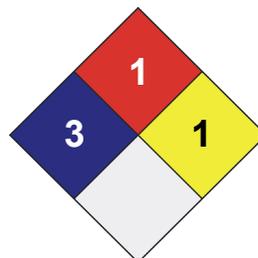
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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>	1
<b>PHYSICAL HAZARD</b>	1
<b>PERSONAL PROTECTION</b>	X

**Disclaimer**

The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.

**Issue date**

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**Effective date**

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**Prepared by**

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

**Further information**

Not available.

**Other information**

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

Redbook revision # 15, 3/13/18