



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Truck Carpet &amp; Upholstery Cleaner</b>	
<b>Other means of identification</b>		
<b>SDS number</b>	TCUC22	
<b>Part No.</b>	TCUC22	
<b>Tariff code</b>	3402.90.5030	
<b>Recommended use</b>	cleaner	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Manufacturer</b>		
<b>Company name</b>	Blumenthal Brands Integrated, LLC	
<b>Address</b>	600 Radiator Road Indian Trail, NC 28079	
<b>Telephone</b>	Customer Service	(704) 821-7643
	Technical	(704) 821-7643
<b>Website</b>	www.solvewithB.com	
<b>E-mail</b>	sds@solvewithB.com	
<b>Emergency phone number</b>	Poison Control (RMPDC)	(303) 623-5716
	Poison Control (RMPDC)	(877) 740-5015

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable aerosols	Not applicable
<b>Health hazards</b>	Acute toxicity, oral	Category 3
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Reproductive toxicity	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	Pressurized container: May burst if heated. Contains gas under pressure; may explode if heated. Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. Causes serious eye irritation. 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. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation occurs, obtain medical attention. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>Storage</b>	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

None known.

**Supplemental information**

NOTE: GHS Category 3 Non-flammable aerosol (version 7 - July 2017).

NOTE: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The container label may not include the OSHA label elements listed in this document. Always carefully review the entire SDS and the product label prior to use in the workplace.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Water		7732-18-5	90 - 100
Butane		106-97-8	1 - < 3
Nonoxynol 4-40		127087-87-0	1 - < 3
Propane		74-98-6	1 - < 3
Cocamide DEA		68603-42-9	< 1
Ethoxydiglycol		111-90-0	< 1
Morpholine		110-91-8	< 1
Sodium Metasilicate Pentahydrate		10213-79-3	< 1
Ethoxyethanol		110-80-5	< 0.3
Diethanolamine		111-42-2	< 0.2
Ethylene Glycol		107-21-1	< 0.2
Orange Terpenes		68647-72-3	< 0.2
Soda, Caustic		1310-73-2	< 0.2
Sodium Benzoate		532-32-1	< 0.2
Tetrasodium Ethylenediaminetetraacetate		64-02-8	< 0.2
Other components below reportable levels			< 0.1

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
<b>Most important symptoms/effects, acute and delayed</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. 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. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	IF exposed or concerned: Get medical advice/attention. 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.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<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>	Containers should be cooled with water to prevent vapor pressure build up.
<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.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. 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. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Do not re-use empty containers. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Level 1 Aerosol.  Store locked up. Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

Components	Type	Value
Ethoxyethanol (CAS 110-80-5)	PEL	740 mg/m3
		200 ppm
Morpholine (CAS 110-91-8)	PEL	70 mg/m3
		20 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3
		1000 ppm
Soda, Caustic (CAS 1310-73-2)	PEL	2 mg/m3

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Butane (CAS 106-97-8)	STEL	1000 ppm	
Diethanolamine (CAS 111-42-2)	TWA	1 mg/m3	Inhalable fraction and vapor.
Ethoxyethanol (CAS 110-80-5)	TWA	5 ppm	
Ethylene Glycol (CAS 107-21-1)	STEL	10 mg/m3	Aerosol, inhalable.
		50 ppm	Vapor fraction
	TWA	25 ppm	Vapor fraction
Morpholine (CAS 110-91-8)	TWA	20 ppm	
Soda, Caustic (CAS 1310-73-2)	Ceiling	2 mg/m3	

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

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m3
		800 ppm
Diethanolamine (CAS 111-42-2)	TWA	15 mg/m3
		3 ppm
Ethoxyethanol (CAS 110-80-5)	TWA	1.8 mg/m3
		0.5 ppm
Morpholine (CAS 110-91-8)	STEL	105 mg/m3
		30 ppm
	TWA	70 mg/m3
		20 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3
		1000 ppm
Soda, Caustic (CAS 1310-73-2)	Ceiling	2 mg/m3

**US. Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
Ethoxydiglycol (CAS 111-90-0)	TWA	140 mg/m3
		25 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Ethoxyethanol (CAS 110-80-5)	100 mg/g	2-Ethoxyacetic acid	Creatinine in urine	*

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

**Exposure guidelines****US - California OELs: Skin designation**

Diethanolamine (CAS 111-42-2)	Can be absorbed through the skin.
Ethoxyethanol (CAS 110-80-5)	Can be absorbed through the skin.
Morpholine (CAS 110-91-8)	Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

Ethoxyethanol (CAS 110-80-5)	Skin designation applies.
Morpholine (CAS 110-91-8)	Skin designation applies.

**US - Tennessee OELs: Skin designation**

Ethoxyethanol (CAS 110-80-5)	Can be absorbed through the skin.
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Morpholine (CAS 110-91-8) Can be absorbed through the skin.

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

Diethanolamine (CAS 111-42-2) Can be absorbed through the skin.

Ethoxyethanol (CAS 110-80-5) Can be absorbed through the skin.

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

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

Ethoxyethanol (CAS 110-80-5) Can be absorbed through the skin.

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

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

Ethoxyethanol (CAS 110-80-5) Can be absorbed through the skin.

Morpholine (CAS 110-91-8) 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. Provide eyewash station and safety shower.

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

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

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

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece. Chemical respirator with organic vapor cartridge and full facepiece if threshold limits are exceeded.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. 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.

**9. Physical and chemical properties**

**Appearance**

**Physical state** Liquid.

**Form** Aerosol.

**Color** White

**Odor** Floral Citrus spice

**Odor threshold** Not available.

**pH** 9 - 10

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** Tag Closed Cup None

**Evaporation rate** Slower than n-Butyl Acetate

**Flammability (solid, gas)** Not applicable.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 0.00001 hPa estimated

**Vapor density** Not available.

**Relative density** 0.99

<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Soluble
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Flame projection</b>	No Flashback
<b>Heat of combustion</b>	< 2.2 kJ/g
<b>Heat of combustion (NFPA 30B)</b>	2.25 kJ/g estimated
<b>Oxidizing properties</b>	Not oxidizing.
<b>Specific gravity</b>	8.2467
<b>VOC</b>	6.5 % estimated

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Toxic if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

### Information on toxicological effects

**Acute toxicity** Toxic if swallowed.

Components	Species	Test Results
Cocamide DEA (CAS 68603-42-9)		
<u>Acute</u>		
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
Diethanolamine (CAS 111-42-2)		
<u>Acute</u>		
<b>Oral</b>		
LD50	Rat	710 mg/kg
Ethoxydiglycol (CAS 111-90-0)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rat	6000 mg/kg

Components	Species	Test Results
<b>Oral</b> LD50	Rat	< 5 mg/kg
Ethoxyethanol (CAS 110-80-5)		
<b>Acute</b> <b>Inhalation</b> <i>Vapor</i>		
LC50	Rat	7.36 mg/l, 8 Hours
<b>Oral</b> LD50	Rat	2300 mg/kg
Ethylene Glycol (CAS 107-21-1)		
<b>Acute</b> <b>Dermal</b>		
LD50	Rabbit	9530 mg/kg
<b>Oral</b> LD50	Rat	5.89 g/kg
Morpholine (CAS 110-91-8)		
<b>Acute</b> <b>Oral</b>		
LD50	Rat	1.05 g/kg
Nonoxynol 4-40 (CAS 127087-87-0)		
<b>Acute</b> <b>Oral</b>		
LD50	Rat	> 15 mg/kg
Sodium Benzoate (CAS 532-32-1)		
<b>Acute</b> <b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<b>Oral</b> LD50	Rat	3450 mg/kg
Tetrasodium Ethylenediaminetetraacetate (CAS 64-02-8)		
<b>Acute</b> <b>Oral</b>		
LD50	Rat	> 2000 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	Risk of cancer cannot be excluded with prolonged exposure.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Cocamide DEA (CAS 68603-42-9)	2B Possibly carcinogenic to humans.	
Diethanolamine (CAS 111-42-2)	2B Possibly carcinogenic to humans.	
Morpholine (CAS 110-91-8)	3 Not classifiable as to carcinogenicity to humans.	
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)</b>		
Not regulated.		
<b>US. National Toxicology Program (NTP) Report on Carcinogens</b>		
Not listed.		
<b>Reproductive toxicity</b>	May damage fertility or the unborn child.	

<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. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Diethanolamine (CAS 111-42-2)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Ceriodaphnia dubia) 61.8 - 86.04 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 100 mg/l, 96 hours
Ethoxydiglycol (CAS 111-90-0)		
<b>Aquatic</b>		
Fish	LC50	Bluegill (Lepomis macrochirus) > 10000 mg/l, 96 hours
Ethoxyethanol (CAS 110-80-5)		
<b>Aquatic</b>		
Fish	LC50	Bluegill (Lepomis macrochirus) > 10000 mg/l, 96 hours
Ethylene Glycol (CAS 107-21-1)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) 8050 mg/l, 96 hours
Morpholine (CAS 110-91-8)		
<b>Aquatic</b>		
Fish	LC50	Zebra danio (Danio rerio) > 1 mg/l, 96 hours
Soda, Caustic (CAS 1310-73-2)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Ceriodaphnia dubia) 34.59 - 47.13 mg/l, 48 hours
Fish	LC50	Western mosquitofish (Gambusia affinis) 125 mg/l, 96 hours
Sodium Benzoate (CAS 532-32-1)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
Tetrasodium Ethylenediaminetetraacetate (CAS 64-02-8)		
<b>Aquatic</b>		
Fish	LC50	Bluegill (Lepomis macrochirus) 472 - 500 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

### Bioaccumulative potential

#### Partition coefficient n-octanol / water (log Kow)

Butane	2.89
Diethanolamine	-1.43
Ethoxydiglycol	-0.54
Ethoxyethanol	-0.32
Ethylene Glycol	-1.36
Morpholine	-0.86
Propane	2.36

**Mobility in soil** No data 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.



### 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. 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. Do not re-use empty containers.

### 14. Transport information

#### DOT

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, non-flammable, (each not exceeding 1 L capacity), Limited Quantity
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.2
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.2
<b>Packing group</b>	Not available.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Packaging exceptions</b>	306
<b>Packaging non bulk</b>	None
<b>Packaging bulk</b>	None

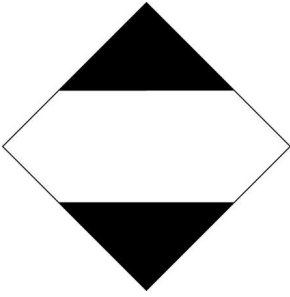
#### IATA

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, non-flammable, Limited Quantity
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.2
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	2L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

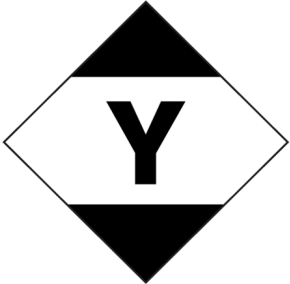
#### IMDG

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.2
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-D, S-U
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.

DOT



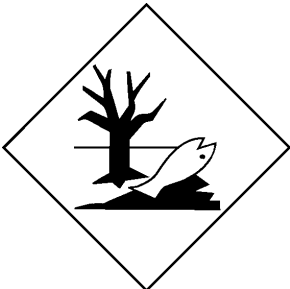
IATA



IMDG



Marine pollutant



## 15. Regulatory information

### 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)

Ethoxyethanol (CAS 110-80-5)

1.0 % One-Time Export Notification only.

#### TSCA Chemical Action Plans, Chemicals of Concern

Nonoxynol 4-40 (CAS 127087-87-0)

Nonylphenol (NP) and Nonylphenol Ethoxylates (NPEs) Action Plan

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

Butane (CAS 106-97-8)

Listed.

Diethanolamine (CAS 111-42-2)

Listed.

Ethoxydiglycol (CAS 111-90-0)

Listed.

Ethoxyethanol (CAS 110-80-5)

Listed.

Ethylene Glycol (CAS 107-21-1)

Listed.

Morpholine (CAS 110-91-8)

Listed.

Propane (CAS 74-98-6)

Listed.

Soda, Caustic (CAS 1310-73-2)

Listed.

**SARA 304 Emergency release notification**

Not regulated.

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

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories**

- Acute toxicity (any route of exposure)
- Skin corrosion or irritation
- Serious eye damage or eye irritation
- Respiratory or skin sensitization
- Germ cell mutagenicity
- Carcinogenicity
- Reproductive toxicity

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Ethoxydiglycol	111-90-0	< 1

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

- Diethanolamine (CAS 111-42-2)
- Ethoxydiglycol (CAS 111-90-0)
- Ethoxyethanol (CAS 110-80-5)
- Ethylene Glycol (CAS 107-21-1)

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

- Butane (CAS 106-97-8)
- Propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****California Proposition 65**

**WARNING:** This product can expose you to chemicals including Cocamide DEA, which is known to the State of California to cause cancer, and Ethoxyethanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

- Cocamide DEA (CAS 68603-42-9) Listed: June 22, 2012
- Diethanolamine (CAS 111-42-2) Listed: June 22, 2012

**California Proposition 65 - CRT: Listed date/Developmental toxin**

- Ethoxyethanol (CAS 110-80-5) Listed: January 1, 1989
- Ethylene Glycol (CAS 107-21-1) Listed: June 19, 2015

**California Proposition 65 - CRT: Listed date/Male reproductive toxin**

- Ethoxyethanol (CAS 110-80-5) Listed: January 1, 1989

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

- Butane (CAS 106-97-8)
- Cocamide DEA (CAS 68603-42-9)
- Diethanolamine (CAS 111-42-2)
- Ethoxydiglycol (CAS 111-90-0)
- Ethoxyethanol (CAS 110-80-5)
- Ethylene Glycol (CAS 107-21-1)
- Nonoxynol 4-40 (CAS 127087-87-0)
- Soda, Caustic (CAS 1310-73-2)

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

<b>Issue date</b>	06-15-2015
<b>Revision date</b>	02-24-2020
<b>Version #</b>	04
<b>HMIS® ratings</b>	Health: 2* Flammability: 1 Physical hazard: 0
<b>NFPA ratings</b>	Health: 3 Flammability: 1 Instability: 0

### NFPA ratings



### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Revision information

This document has undergone significant changes and should be reviewed in its entirety.