SAFETY DATA SHEET

1. Product and Company Identification

Product identifier	**SONAX PROFILINE HEADLIGHT PROTECTION**
Other means of identification	02760410-746
Synonyms	
Recommended use	Coatings
Recommended restrictions	None known.
Manufacturer information	Sonax GmbH Münchener Strasse 75 D-86633 Neuburg/Donau DE Phone: 0049 84 31 53-0 24-Hour-Number: GBK/Infotrac ID 91785: . (USA domestic) 1 800 535 5053
Supplier	Vision Investments, LLC 4565 W. 16th Street Indianapolis, IN 46222 US Email: info@sonaxusa.com Phone: 1-317-295-7056

2. Hazards Identification

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
Environmental hazards	Not classified.	
WHMIS 2015 defined hazards	Not classified	

Label elements

Signal word	Danger
Hazard statement	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary statement	
Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear eye protection/face protection.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Storage	Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known

Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/Information on Ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Isopropanol		67-63-0	33.6
Cyclopentasiloxane, decamethyl-		541-02-6	30.8
Butane		106-97-8	9.3
Propane		74-98-6	8.1
Ethanol		64-17-5	3.8
Isobutane		75-28-5	2.6
1-Dodecanol		112-53-8	2.4
Butane, 2-methyl-		78-78-4	0.2

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

4. First Aid Measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	In the unlikely event of swallowing contact a physician or poison control center. 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.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Symptoms may be delayed.
General information	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

Suitable extinguishing media	Alcohol resistant foam. Powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Not available.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Extremely flammable aerosol.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing mist or vapor. Ventilate closed spaces before entering them. 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	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. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.

7. Handling and Storage

Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. All equipment used when handling the product must be grounded. Avoid contact with eyes, skin and clothing. Wear appropriate personal protective equipment. Avoid breathing mist or vapor. Use only in well-ventilated areas. Avoid prolonged exposure. Observe good industrial hygiene practices. Wash thoroughly after handling. When handling, do not eat, drink or smoke.
Conditions for safe storage, including any incompatibilities	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Keep away from heat, sparks and open flame. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children. Store locked up.

8. Exposure Controls/Personal Protection

Occupational exposure limits

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

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1000 ppm
Butane, 2-methyl- (CAS 78-78-4)	TWA	1770 mg/m3
		600 ppm
Ethanol (CAS 64-17-5)	TWA	1880 mg/m3
		1000 ppm
Isopropanol (CAS 67-63-0)	STEL	984 mg/m3
		400 ppm
	TWA	492 mg/m3
		200 ppm
Propane (CAS 74-98-6)	TWA	1000 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	STEL	750 ppm
	TWA	600 ppm
Butane, 2-methyl- (CAS 78-78-4)	TWA	600 ppm
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Isobutane (CAS 75-28-5)	TWA	1000 ppm
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm
Propane (CAS 74-98-6)	TWA	1000 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	STEL	1000 ppm
Butane, 2-methyl- (CAS 78-78-4)	TWA	1000 ppm
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Isobutane (CAS 75-28-5)	STEL	1000 ppm

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

Components	Type	Value
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	TWA	800 ppm
Butane, 2-methyl- (CAS 78-78-4)	TWA	600 ppm
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Isobutane (CAS 75-28-5)	TWA	800 ppm
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm
Propane (CAS 74-98-6)	TWA	1000 ppm

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

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m3 800 ppm
Ethanol (CAS 64-17-5)	TWA	1880 mg/m3 1000 ppm
Isopropanol (CAS 67-63-0)	STEL	1230 mg/m3 500 ppm
	TWA	983 mg/m3 400 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm
Isopropanol (CAS 67-63-0)	PEL	980 mg/m3 400 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Butane (CAS 106-97-8)	STEL	1000 ppm
Butane, 2-methyl- (CAS 78-78-4)	TWA	1000 ppm
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Isobutane (CAS 75-28-5)	STEL	1000 ppm
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m3 800 ppm
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm
Isobutane (CAS 75-28-5)	TWA	1900 mg/m3 800 ppm
Isopropanol (CAS 67-63-0)	STEL	1225 mg/m3 500 ppm
	TWA	980 mg/m3 400 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Cyclopentasiloxane, decamethyl- (CAS 541-02-6)	TWA	10 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Isopropanol (CAS 67-63-0)	40 mg/L	Acetone	Urine	*

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

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).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Confirm with a reputable supplier first.

Other As required by employer code.

Respiratory protection Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Thermal hazards Not applicable.

General hygiene considerations When using do not smoke. 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

Appearance Aerosol

Physical state Gas.

Form Aerosol.

Color Colorless

Odor Characteristic

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range > 172.4 °F (> 78 °C) Active ingredient data

Pour point Not available.

Specific gravity Not available.

Partition coefficient (n-octanol/water) Not available.

Flash point 60.8 °F (16.0 °C) Active ingredient data

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) 2 % v/v Main ingredient data, 1.5% v/v propellent data

Explosive limit - upper (%) 12 % v/v Main ingredient data, 10.9% v/v propellent data

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity	10 - 15 s (Flow time at 20°C) Active ingredient data
Other information	
Density	0.87 - 0.88 g/cm³ Active ingredient data
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and Reactivity

Reactivity	May react with incompatible materials.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids. Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological Information

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Information on likely routes of exposure	
Ingestion	May cause stomach distress, nausea or vomiting.
Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Information on toxicological effects	
Acute toxicity	Narcotic effects.

Components	Species	Test Results
1-Dodecanol (CAS 112-53-8)		
Acute		
Dermal		
LD50	Guinea pig	> 8310 mg/kg
	Rabbit	1500 - 2000 mg/kg, 24 Hours
		7.1 ml/kg
Inhalation		
LC50	Rat	> 1575 mg/m3/4H
		> 71 mg/L, 1 Hours
Oral		
LD50	Rabbit	> 36 ml/kg
	Rat	> 2000 mg/kg
		12800 mg/kg
		32.5 ml/kg
Butane (CAS 106-97-8)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Mouse	539600 ppm, 120 Minutes, ECHA
		520400 ppm, 120 Minutes, ECHA
		1237 mg/L, 120 Minutes
		680 mg/L, 2 Hours, HSDB
		57 %, 120 Minutes, ECHA

Components	Species	Test Results
		52 %, 120 Minutes
	Rat	> 800000 ppm, 10 Minutes, ECHA
		1442738 mg/m3, 10 Minutes, ECHA
		1354944 mg/m3, 10 Minutes, ECHA
		570000 ppm, 10 Minutes, ECHA
		276000 ppm, 4 Hours, CCOHS
		1443 mg/L, 10 Minutes, ECHA
		1355 mg/L, 10 Minutes
Oral		
LD50	Not available	
Butane, 2-methyl- (CAS 78-78-4)		
Acute		
Inhalation		
LC50	Mouse	14000 ppm
		1000 mg/L, 1 Hours
		450 mg/L, 2 Hours
	Rat	> 25.3 mg/L, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg
LD50		
Oral		
LD50	Not available	
Cyclopentasiloxane, decamethyl- (CAS 541-02-6)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
		> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 545 ppm, 4 Hours
		8.7 mg/l/4h, (Aerosol)
		8.7 mg/L, 4 Hours
Oral		
LD50	Rat	> 20000 mg/kg
		24134 mg/kg
Ethanol (CAS 64-17-5)		
Acute		
Dermal		
LD50	Rabbit	> 15800 mg/kg, SIDS initial assessment report
Inhalation		
LC50	Cat	85.4 mg/L, 4.5 Hours, ECHA
		43.7 mg/L, 6 Hours, ECHA
	Mouse	> 60000 ppm, 60 Minutes, ECHA
		79.4 mg/L, 134 Minutes, ECHA
	Rat	> 115.9 mg/L, 4 Hours, ECHA
		31623 ppm, 4 Hours, HMIRA
		20000 ppm, 10 Hours, HSDB
		51.3 mg/L, 6 Hours, ECHA
Oral		
LD50	Dog	5.5 g/kg, HSDB
	Guinea pig	5600 mg/kg, HSDB
	Monkey	6000 mg/kg

Components	Species	Test Results
	Mouse	10500 ml/kg, ECHA
		3450 mg/kg, SAX
	Pig	> 5000 mg/kg, ECHA
	Rat	1187 - 2769 mg/kg, ECHA
		12400 mg/kg, ECHA
		10470 mg/kg, ECHA
		7800 ml/kg, ECHA
Isobutane (CAS 75-28-5)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Mouse	1237 mg/L, 120 min, ECHA
		57 %, 120 minutes, ECHA
		52 mg/L, 1 h, HSDB
		52 %, 120 min, ECHA
	Rat	> 80000 ppm, 10 min, ECHA
		1355 mg/L, 10 min, ECHA
		658 mg/l/4h, LOLI
Oral		
LD50	Not available	
Isopropanol (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	12800 mg/kg, HSDB
		16.4 ml/kg, 24 Hours, ECHA
Inhalation		
LC50	Rat	> 10000 ppm, 6 Hours, ECHA
		16970 mg/l/4h, HMIRA
Oral		
LD50	Dog	4797 mg/kg, HSDB
	Mouse	3600 mg/kg, HSDB
	Rabbit	5030 mg/kg, HSDB
		5 g/kg, HSDB
	Rat	5.8 g/kg, ECHA
Propane (CAS 74-98-6)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Mouse	539600 ppm, 120 Minutes, ECHA
		520400 ppm, 120 Minutes, ECHA
		1237 mg/L, 120 Minutes
		57 %, 120 Minutes, ECHA
		52 %, 120 Minutes
	Rat	> 12000000 ppm, 4 hours
		> 800000 ppm, 10 Minutes, ECHA
		> 1464 mg/L, 15 Minutes, HSDB
		1442738 mg/m3, 10 Minutes, ECHA
		1354944 mg/m3, 10 Minutes, ECHA
		570000 ppm, 10 Minutes, ECHA

Components	Species	Test Results
		1355 mg/L, 10 Minutes
Oral		
LD50	Not available	

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Exposure minutes Not available.

Erythema value Not available.

Oedema value Not available.

Serious eye damage/eye irritation Causes serious eye irritation.

Corneal opacity value Not available.

Iris lesion value Not available.

Conjunctival reddening value Not available.

Conjunctival oedema value Not available.

Recover days Not available.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity See below.

Canada - Manitoba OELs: carcinogenicity

2-PROPANOL (CAS 67-63-0)	Not classifiable as a human carcinogen.
ETHANOL (CAS 64-17-5)	Confirmed animal carcinogen with unknown relevance to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Ethanol (CAS 64-17-5)	Volume 44, Volume 96, Volume 100E
	Volume 96, Volume 100E

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

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Teratogenicity Not available.

Specific target organ toxicity - single exposure May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological Information

Ecotoxicity See below

Ecotoxicological data

Components		Species	Test Results
1-Dodecanol (CAS 112-53-8)			
Crustacea	EC50	Daphnia	320 mg/L, 48 Hours
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	1.01 mg/L, 96 hours
Butane, 2-methyl- (CAS 78-78-4)			
Crustacea	EC50	Daphnia	2.3 mg/L, 48 Hours
Ethanol (CAS 64-17-5)			
Crustacea	EC50	Daphnia	11744.5 mg/L, 48 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	7.7 - 11.2 mg/L, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/L, 96 hours
Isopropanol (CAS 67-63-0)			
Algae	IC50	Algae	1000 mg/L, 72 Hours

Components		Species	Test Results
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/L, 96 hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Mobility in soil

Mobility in general No data available.

Other adverse effects Not available.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

13. Disposal Considerations

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 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

Transport of Dangerous Goods (TDG) Proof of Classification In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue.

U.S. Department of Transportation (DOT)

Basic shipping requirements:

UN number	UN1950
Proper shipping name	Aerosols, flammable
Hazard class	2.1
Special provisions	N82

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

UN number	UN1950
Proper shipping name	AEROSOLS, flammable
Hazard class	2.1
Special provisions	80, 107

DOT

TDG

15. Regulatory Information

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 DSL Challenge Substances: Listed substance

Butane (CAS 106-97-8)	Listed.
Cyclopentasiloxane, decamethyl- (CAS 541-02-6)	Listed.
Isobutane (CAS 75-28-5)	Listed.

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

Butane (CAS 106-97-8)	1 TONNES
Butane, 2-methyl- (CAS 78-78-4)	1 TONNES
Ethanol (CAS 64-17-5)	1 TONNES
Isobutane (CAS 75-28-5)	1 TONNES
Isopropanol (CAS 67-63-0)	1 TONNES
Propane (CAS 74-98-6)	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)

Butane (CAS 106-97-8)	Listed.
Butane, 2-methyl- (CAS 78-78-4)	Listed.
Isobutane (CAS 75-28-5)	Listed.
Isopropanol (CAS 67-63-0)	Listed.
Propane (CAS 74-98-6)	Listed.

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)

Chemical name	CAS number	% by wt.
Isopropanol	67-63-0	33.6

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)

Butane (CAS 106-97-8)
Butane, 2-methyl- (CAS 78-78-4)
Isobutane (CAS 75-28-5)
Propane (CAS 74-98-6)

US state regulations See below

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

Butane (CAS 106-97-8)	Listed.
Ethanol (CAS 64-17-5)	Listed.
Isopropanol (CAS 67-63-0)	Listed.
Silica, amorphous, fumed, crystalline free (CAS 112945-52-5)	Listed.

US - Illinois Chemical Safety Act: Listed substance

Butane (CAS 106-97-8)
Butane, 2-methyl- (CAS 78-78-4)
Ethanol (CAS 64-17-5)
Isobutane (CAS 75-28-5)

Isopropanol (CAS 67-63-0)
Propane (CAS 74-98-6)

US - Louisiana Spill Reporting: Listed substance

Butane (CAS 106-97-8)	Listed.
Butane, 2-methyl- (CAS 78-78-4)	Listed.
Ethanol (CAS 64-17-5)	Listed.
Isobutane (CAS 75-28-5)	Listed.
Isopropanol (CAS 67-63-0)	Listed.
Propane (CAS 74-98-6)	Listed.

US - Minnesota Haz Subs: Listed substance

Butane (CAS 106-97-8)	Listed.
Ethanol (CAS 64-17-5)	Listed.
Isobutane (CAS 75-28-5)	Listed.
Isopropanol (CAS 67-63-0)	Listed.
Propane (CAS 74-98-6)	Listed.
Silica, amorphous, fumed, crystalline free (CAS 112945-52-5)	Listed.

US - New Jersey RTK - Substances: Listed substance

Butane (CAS 106-97-8)
Butane, 2-methyl- (CAS 78-78-4)
Ethanol (CAS 64-17-5)
Isobutane (CAS 75-28-5)
Isopropanol (CAS 67-63-0)
Propane (CAS 74-98-6)

US - Texas Effects Screening Levels Hazard Data: Simple asphyxiant

Propane (CAS 74-98-6)

US - Texas Effects Screening Levels: Listed substance

1-Dodecanol (CAS 112-53-8)	Listed.
Butane (CAS 106-97-8)	Listed.
Butane, 2-methyl- (CAS 78-78-4)	Listed.
Cyclopentasiloxane, decamethyl- (CAS 541-02-6)	Listed.
Ethanol (CAS 64-17-5)	Listed.
Isobutane (CAS 75-28-5)	Listed.
Isopropanol (CAS 67-63-0)	Listed.
Propane (CAS 74-98-6)	Listed.
Silica, amorphous, fumed, crystalline free (CAS 112945-52-5)	Listed.

US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8)
Butane, 2-methyl- (CAS 78-78-4)
Ethanol (CAS 64-17-5)
Isobutane (CAS 75-28-5)
Isopropanol (CAS 67-63-0)
Propane (CAS 74-98-6)
Silica, amorphous, fumed, crystalline free (CAS 112945-52-5)

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

Butane (CAS 106-97-8)
Butane, 2-methyl- (CAS 78-78-4)
Isobutane (CAS 75-28-5)
Isopropanol (CAS 67-63-0)
Propane (CAS 74-98-6)

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

Butane (CAS 106-97-8)
Butane, 2-methyl- (CAS 78-78-4)
Ethanol (CAS 64-17-5)
Isobutane (CAS 75-28-5)
Isopropanol (CAS 67-63-0)
Propane (CAS 74-98-6)
Silica, amorphous, fumed, crystalline free (CAS 112945-52-5)

US. Rhode Island RTK

Butane (CAS 106-97-8)
Ethanol (CAS 64-17-5)
Isopropanol (CAS 67-63-0)
Propane (CAS 74-98-6)

US. California Proposition 65

Not Listed.

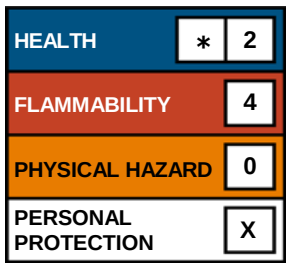
Inventory status

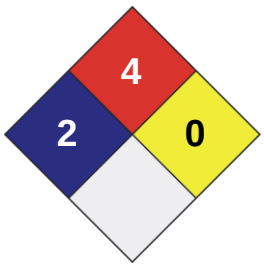
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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





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