

SAFETY DATA SHEET

1. Identification

Product number 1000022175
Product identifier 13OZ 1690-19-001PLN MASTER QUICK SHINE LABELLED
Company information Petronio Shoe Products Corp.
305 Cortlandt Street
Belleville, NJ 07109 United States
Company phone General Assistance 1-973-751-7579
Emergency telephone US 1-866-836-8855
Emergency telephone outside US 1-952-852-4646
Version # 01
Recommended use Cleaner
Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1
Health hazards Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2
Germ cell mutagenicity Category 2
Carcinogenicity Category 1B
Reproductive toxicity Category 1B
Specific target organ toxicity, single exposure Category 3 narcotic effects
OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing genetic defects. May cause cancer. May damage fertility or the unborn child.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

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

Environmental hazards

Hazardous to the aquatic environment, acute hazard Category 3

Hazardous to the aquatic environment, long-term hazard Category 3

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

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Methylene Chloride		75-09-2	40 - 60
Propane		74-98-6	10 - 20
Trichloroethylene		79-01-6	10 - 20
2-Butoxyethanol		111-76-2	2.5 - 10
Isobutane		75-28-5	2.5 - 10
Isopropyl Alcohol		67-63-0	2.5 - 10
Diacetone Alcohol		123-42-2	1 - 2.5
Ethyl Acetate		141-78-6	1 - 2.5
Butyl Benzyl Phthalate		85-68-7	0.1 - 1
Other components below reportable levels			1 - 2.5

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

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact 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.

Ingestion In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

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. Skin irritation. May cause redness and pain.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information 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

Suitable extinguishing media 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 Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards Extremely flammable aerosol.

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. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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

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. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. 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.

Environmental precautions

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.

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

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. 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Avoid breathing gas. 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. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Type	Value
Methylene Chloride (CAS 75-09-2)	STEL	125 ppm
	TWA	25 ppm

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

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m ³
		50 ppm
Diacetone Alcohol (CAS 123-42-2)	PEL	240 mg/m ³
		50 ppm
Ethyl Acetate (CAS 141-78-6)	PEL	1400 mg/m ³
		400 ppm
Isopropyl Alcohol (CAS 67-63-0)	PEL	980 mg/m ³
		400 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m ³
		1000 ppm

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
Trichloroethylene (CAS 79-01-6)	Ceiling	200 ppm
	TWA	100 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm
Diacetone Alcohol (CAS 123-42-2)	TWA	50 ppm
Ethyl Acetate (CAS 141-78-6)	TWA	400 ppm
Isobutane (CAS 75-28-5)	STEL	1000 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm
Methylene Chloride (CAS 75-09-2)	TWA	50 ppm
	STEL	25 ppm
Trichloroethylene (CAS 79-01-6)	TWA	10 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m ³
		5 ppm
Diacetone Alcohol (CAS 123-42-2)	TWA	240 mg/m ³
		50 ppm
Ethyl Acetate (CAS 141-78-6)	TWA	1400 mg/m ³
		400 ppm
Isobutane (CAS 75-28-5)	TWA	1900 mg/m ³
		800 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	1225 mg/m ³
		500 ppm
Propane (CAS 74-98-6)	TWA	980 mg/m ³
		400 ppm
Trichloroethylene (CAS 79-01-6)	TWA	1800 mg/m ³
		1000 ppm
		25 ppm

Biological limit values

ACGIH Biological Exposure Indices		Determinant	Specimen	Sampling Time
Components	Value			
2-Butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
Isopropyl Alcohol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*
Methylene Chloride (CAS 75-09-2)	0.3 mg/l	Dichloromethane	Urine	*
Trichloroethylene (CAS 79-01-6)	15 mg/l	Trichloroacetic acid	Urine	*

ACGIH Biological Exposure Indices
Components Value

Components	Value	Determinant	Specimen	Sampling Time
	0.5 mg/l	Trichloroethano l, without hydrolysis	Blood	*

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

Exposure guidelines

US - California OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

2-Butoxyethanol (CAS 111-76-2) Skin designation applies.

US - Tennessee OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

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

2-Butoxyethanol (CAS 111-76-2) 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. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eyeface protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

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

Respiratory protection

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. 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.

9. Physical and chemical properties

Appearance

Physical state

Gas.

Form

Aerosol.

Color

Not available.

Odor

Not available.

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

188.96 °F (87.2 °C) estimated

Flash point

-156.0 °F (-104.4 °C) Propellant estimated

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

8.7 % estimated

Flammability limit - upper (%)	16.2 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	395.97 psig @70F estimated
Vapor density	Not available.
Relative density	0.512 estimated
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	971.44 °F (521.91 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Heat of combustion (NFPA 30B)	15.2 kJ/g estimated
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Isocyanates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	Causes skin irritation. 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.
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. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity Narcotic effects.

Components	Species	Test Results
2-Butoxyethanol (CAS 111-76-2)		
Acute		
Dermal		
LD50	Guinea pig	7.3 ml/kg, 4 Days 0.23 ml/kg, 24 Hours
	Rabbit	435 mg/kg, 24 Hours 0.68 ml/kg, 24 Hours

Components	Species	Test Results
		0.63 ml/kg
	Rat	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rabbit	400 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
Oral		
LD100	Rabbit	695 mg/kg
LD50	Dog	> 695 mg/kg
	Guinea pig	1414 mg/kg
	Mouse	1519 mg/kg
	Rat	1746 mg/kg
Butyl Benzyl Phthalate (CAS 85-68-7)		
Acute		
Oral		
LD50	Mouse	4170 mg/kg
	Rat	2330 mg/kg
Diacetone Alcohol (CAS 123-42-2)		
Acute		
Dermal		
LD50	Rabbit	14.5 ml/kg, 24 Hours
	Rat	> 1875 mg/kg, 24 Hours
		13500 mg/kg
Oral		
LD50	Rat	3002 mg/kg
Ethyl Acetate (CAS 141-78-6)		
Acute		
Dermal		
LD50	Rabbit	> 20000 mg/kg, 24 Hours
Oral		
LD50	Rabbit	4934 mg/kg
	Rat	11.3 ml/kg
Isobutane (CAS 75-28-5)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
Isopropyl Alcohol (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	16.4 ml/kg, 24 Hours
Inhalation		
LC50	Rat	> 10000 ppm, 6 Hours
Oral		
LD50	Rat	5.84 g/kg
Methylene Chloride (CAS 75-09-2)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg, Days

Components	Species	Test Results
Inhalation		
<i>Vapor</i>		
LC50	Mouse	49000 mg/m ³ , 7 Hours
Oral		
LD50	Rat	> 2000 mg/kg
Propane (CAS 74-98-6)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
Trichloroethylene (CAS 79-01-6)		
Acute		
Dermal		
LD50	Rat	19031 mg/kg
Inhalation		
LC50	Dog; Mouse; Rabbit; Rat	8450 ppm, 4 Hours
	Rat	12500 ppm, 4 Hours
		1044 mg/l/4h
Oral		
LD50	Dog; Mouse; Rat	2900 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	Suspected of causing genetic defects.
Carcinogenicity	May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

2-Butoxyethanol (CAS 111-76-2)	3 Not classifiable as to carcinogenicity to humans.
Butyl Benzyl Phthalate (CAS 85-68-7)	3 Not classifiable as to carcinogenicity to humans.
Methylene Chloride (CAS 75-09-2)	2A Probably carcinogenic to humans.
Trichloroethylene (CAS 79-01-6)	If <1L: Consumer Commodity Carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Methylene Chloride (CAS 75-09-2)	Cancer
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US. National Toxicology Program (NTP) Report on Carcinogens

Methylene Chloride (CAS 75-09-2)	Reasonably Anticipated to be a Human Carcinogen.
Trichloroethylene (CAS 79-01-6)	Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity	May damage fertility or the unborn child.
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not likely, due to the form of the product.

Chronic effects

May be harmful if absorbed through skin.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Prolonged exposure may cause chronic effects.

12. Ecological information**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
2-Butoxyethanol (CAS 111-76-2)			
Aquatic			
Fish	LC50	Inland silverside (<i>Menidia beryllina</i>)	1250 mg/l, 96 hours
Butyl Benzyl Phthalate (CAS 85-68-7)			
Aquatic			
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	> 0.96 mg/l, 48 hours
Fish	LC50	Shiner perch (<i>Cymatogaster aggregata</i>)	0.47 - 0.56 mg/l, 96 hours
Diacetone Alcohol (CAS 123-42-2)			
Aquatic			
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>)	420 mg/l, 96 hours
		Fish	420 mg/L, 96 Hours
Ethyl Acetate (CAS 141-78-6)			
Aquatic			
Fish	LC50	Indian catfish (<i>Heteropneustes fossilis</i>)	200.32 - 225.42 mg/l, 96 hours
Isopropyl Alcohol (CAS 67-63-0)			
Aquatic			
Algae	IC50	Algae	1000.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>)	> 1400 mg/l, 96 hours
Methylene Chloride (CAS 75-09-2)			
Aquatic			
Algae	IC50	Algae	500.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	1689.5 mg/L, 48 Hours
		Water flea (<i>Daphnia magna</i>)	1250 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>)	140.8 - 277.8 mg/l, 96 hours
Trichloroethylene (CAS 79-01-6)			
Aquatic			
Crustacea	EC50	Daphnia	2.2 mg/L, 48 Hours
Fish	LC50	Fish	40.8933, 96 Hours
		Flagfish (<i>Jordanella floridae</i>)	3.1 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

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

Bioaccumulative potential**Partition coefficient n-octanol / water (log Kow)**

2-Butoxyethanol	0.83
Butyl Benzyl Phthalate	4.91
Diacetone Alcohol	-0.098
Ethyl Acetate	0.73
Isobutane	2.76
Isopropyl Alcohol	0.05
Methylene Chloride	1.25
Propane	2.36
Trichloroethylene	2.61

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

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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 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).

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

DOT

UN number UN1950

UN proper shipping name Aerosols, flammable

Transport hazard class(es)

Class 2.1

Subsidiary risk 6.1(PGIII)

Label(s) 2.1, 6.1

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions N82

Packaging exceptions 306

Packaging non bulk None

Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

IATA

UN number UN1950

UN proper shipping name Aerosols, flammable, containing substances in Division 6.1, Packing Group III

Transport hazard class(es)

Class 2.1

Subsidiary risk 6.1(PGIII)

Label(s) 2.1, 6.1

Packing group Not applicable.

Environmental hazards No.

ERG Code 10P

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft Allowed with restrictions.

Cargo aircraft only Allowed with restrictions.

Packaging Exceptions LTD QTY

IMDG

UN number UN1950

UN proper shipping name AEROSOLS

Transport hazard class(es)

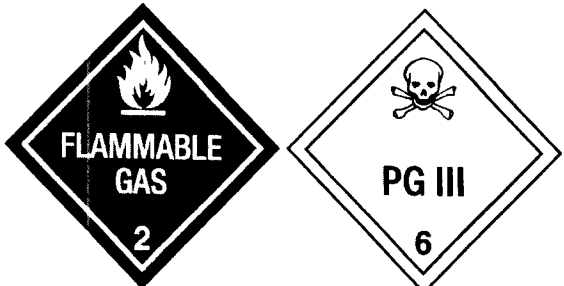
Class 2.1

Subsidiary risk 6.1(PGIII)

Label(s) 2.1+6.1

Packing group Not applicable.
Environmental hazards
Marine pollutant No.
EmS F-D, S-U
Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions NOT a LTD QTY
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

DOT



IATA; IMDG



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)
 Not regulated.

TSCA Chemical Action Plans, Chemicals of Concern
 Butyl Benzyl Phthalate (CAS 85-68-7) Phthalates Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)
 Butyl Benzyl Phthalate (CAS 85-68-7) Listed.
 Ethyl Acetate (CAS 141-78-6) Listed.
 Methylene Chloride (CAS 75-09-2) Listed.
 Trichloroethylene (CAS 79-01-6) Listed.

SARA 304 Emergency release notification
 Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
 Methylene Chloride (CAS 75-09-2) Cancer
 Heart
 Central nervous system
 Liver
 Skin irritation
 Eye irritation

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

Not listed.

SARA 311/312 Hazardous chemical No**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Methylene Chloride	75-09-2	40 - 60
Trichloroethylene	79-01-6	10 - 20
2-Butoxyethanol	111-76-2	2.5 - 10

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

Methylene Chloride (CAS 75-09-2)
 Trichloroethylene (CAS 79-01-6)

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

Isobutane (CAS 75-28-5)
 Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA) Not regulated.**US state regulations****US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

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

2-Butoxyethanol (CAS 111-76-2)
 Butyl Benzyl Phthalate (CAS 85-68-7)
 Isobutane (CAS 75-28-5)
 Isopropyl Alcohol (CAS 67-63-0)
 Methylene Chloride (CAS 75-09-2)
 Trichloroethylene (CAS 79-01-6)

US. Massachusetts RTK - Substance List

2-Butoxyethanol (CAS 111-76-2)
 Butyl Benzyl Phthalate (CAS 85-68-7)
 Diacetone Alcohol (CAS 123-42-2)
 Ethyl Acetate (CAS 141-78-6)
 Isobutane (CAS 75-28-5)
 Isopropyl Alcohol (CAS 67-63-0)
 Methylene Chloride (CAS 75-09-2)
 Propane (CAS 74-98-6)
 Trichloroethylene (CAS 79-01-6)

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

2-Butoxyethanol (CAS 111-76-2)
 Butyl Benzyl Phthalate (CAS 85-68-7)
 Diacetone Alcohol (CAS 123-42-2)
 Ethyl Acetate (CAS 141-78-6)
 Isobutane (CAS 75-28-5)
 Isopropyl Alcohol (CAS 67-63-0)
 Methylene Chloride (CAS 75-09-2)
 Propane (CAS 74-98-6)
 Trichloroethylene (CAS 79-01-6)

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

2-Butoxyethanol (CAS 111-76-2)
 Butyl Benzyl Phthalate (CAS 85-68-7)
 Diacetone Alcohol (CAS 123-42-2)
 Ethyl Acetate (CAS 141-78-6)
 Isobutane (CAS 75-28-5)
 Isopropyl Alcohol (CAS 67-63-0)
 Methylene Chloride (CAS 75-09-2)
 Propane (CAS 74-98-6)
 Trichloroethylene (CAS 79-01-6)

US. Rhode Island RTK

Butyl Benzyl Phthalate (CAS 85-68-7)

Ethyl Acetate (CAS 141-78-6)
 Isobutane (CAS 75-28-5)
 Isopropyl Alcohol (CAS 67-63-0)
 Methylene Chloride (CAS 75-09-2)
 Propane (CAS 74-98-6)
 Trichloroethylene (CAS 79-01-6)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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

Methylene Chloride (CAS 75-09-2)	Listed: April 1, 1988
Propylene Oxide (CAS 75-56-9)	Listed: October 1, 1988
Trichloroethylene (CAS 79-01-6)	Listed: April 1, 1988

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

Butyl Benzyl Phthalate (CAS 85-68-7)	Listed: December 2, 2005
Trichloroethylene (CAS 79-01-6)	Listed: Jan 31, 2014

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

Trichloroethylene (CAS 79-01-6)	Listed: Jan 31, 2014
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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)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
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	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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)

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

Issue date 11-10-2017

Version # 01

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.