

SAFETY DATA SHEET

1. Identification

Product number	HIL0116155
Product identifier	Mango Metered Air Freshener
Company information	HILLYARD INC 302 North 4th Street St. Joseph, MO 64501 United States
Company phone	816-383-8285
Emergency telephone US	1-800-424-9300
Version #	01
Recommended use	AIR FRESHENER
Recommended restrictions	None known.

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
OSHA defined hazards	Not classified.	
Label elements	$\land \land \land$	
	where I	
Signal word	Danger	
Hazard statement	Extremely flammable aerosol. Contains gas u allergic skin reaction. Causes serious eye irrit	nder pressure; may explode if heated. May cause an ation. May cause drowsiness or dizziness.
Precautionary statement		
Prevention	flame or other ignition source. Pressurized co breathing gas. Wash thoroughly after handling	surfaces No smoking. Do not spray on an open ntainer: Do not pierce or burn, even after use. Avoid g. Use only outdoors or in a well-ventilated area. ved out of the workplace. Wear eye protection/face
Response	for breathing. If in eyes: Rinse cautiously with	
Storage	Store in a well-ventilated place. 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	%
Acetone		67-64-1	60 - 80
Butane		106-97-8	10 - 20
Propane		74-98-6	10 - 20
Citrus aurantium dulcis (Orange) oil		8008-57-9	0.1 - 1
Hexahydrohexamethyl Cyclopentabenzopyran		1222-05-5	0.1 - 1
Oils, Orange, Sweet, Terpene-free		68606-94-0	0.1 - 1
Orange Terpenes		68647-72-3	0.1 - 1
Other components below reportable levels			2.5 - 10

*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 immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
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	Not likely, due to the form of the product. 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. May cause an allergic skin reaction. Dermatitis. Rash.
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	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	None known.
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	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. 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. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

6. Accidental release measures

6. Accidental release meas	Sures
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Emergency personnel need self-contained breathing equipment. 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	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. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be prevented. Do not allow backfeed into the container. Purge air from system before introducing gas. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. 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,	Level 3 Aerosol.
including any incompatibilities	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 in a well-ventilated place. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol.

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Туре	Value	
Acetone (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
US. ACGIH Threshold Limit Valu	es		
Components	Туре	Value	
Acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
Butane (CAS 106-97-8)	STEL	1000 ppm	
US. NIOSH: Pocket Guide to Che	mical Hazards		
Components	Туре	Value	
Acetone (CAS 67-64-1)	TWA	590 mg/m3	

US. NIOSH: Pocket Guid	e to Chemical Haz	ards			
Components		Туре	Va	lue	
			25	0 ppm	
Butane (CAS 106-97-8)		TWA	19	00 mg/m3	
				0 ppm	
Propane (CAS 74-98-6)		TWA		00 mg/m3	
			10	00 ppm	
Biological limit values					
ACGIH Biological Expos	ure Indices				
Components	Value	Determinant	Specimen	Sampling Time	
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*	
* - For sampling details, p	lease see the sourc	e document.			
		s have not been establi		Is below recommended exposure lim rborne levels to an acceptable level.	
ndividual protection measu Eye/face protection		nal protective equipme lasses with side shields			
Skin protection					
Hand protection	Wear appropr supplier.	iate chemical resistant (gloves. Suitable (gloves can be recommended by the g	glove
Other	Wear appropr	iate chemical resistant o	clothing.		
Respiratory protection	If permissible air-supplied re		e NIOSH mechar	nical filter / organic vapor cartridge or	r an
Thermal hazards	Wear appropr	iate thermal protective o	lothing, when ne	cessary.	
General hygiene considerations	after handling clothing and p	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. Contaminated work clothing should no be allowed out of the workplace.			

9. Physical and chemical properties

Appearance	
Physical state	Gas.
Form	Aerosol. Liquefied gas.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	132.89 °F (56.05 °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 exp	losive limits
Flammability limit - lower (%)	2.4 % estimated
Flammability limit - upper (%)	11.9 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	45 - 65 psig @70F estimated
Vapor density	Not available.

Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	869 °F (465 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Heat of combustion (NFPA 30B)	30.73 kJ/g estimated
Oxidizing properties	Not oxidizing.
Specific gravity	0.707 estimated
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	Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. 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. Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
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. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity		
Product		
HIL0116155 Mango Metere	d Air Freshener	
Acute		
Dermal		
LD50	Rat	28672 mg/kg
Inhalation		
LC50	Rat	105 mg/l/4h
Components	Species	Test Results
Acetone (CAS 67-64-1)		
Acute		
Dermal		
LD50	Guinea pig	> 7426 mg/kg, 24 Hours
		> 9.4 ml/kg, 24 Hours
	Rabbit	> 7426 mg/kg, 24 Hours
		> 9.4 ml/kg, 24 Hours

م تلم الم الم الم	Species	Test Results
Inhalation LC50	Rat	55700 ppm, 3 Hours
2030	nat	132 mg/l, 3 Hours
		-
Quel		50.1 mg/l
Oral LD50	Rat	5800 mg/kg
EDS0	hat	2.2 ml/kg
Butane (CAS 106-97-8)		2.2 m//kg
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
Hexahydrohexamethyl Cyclopen		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg
	Rat	> 10000 mg/kg, 7 Days
Oral		
LD50	Rat	> 4640 mg/kg
Propane (CAS 74-98-6)		
<u>Acute</u>		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
* Estimatos for product mov	be based on additional component data no	t chown
Estimates for product may	•	
	Prolonged skin contact may cause temporary irritation.	
Skin corrosion/irritation		
Skin corrosion/irritation Serious eye damage/eye	Causes serious eye irritation.	
Skin corrosion/irritation Serious eye damage/eye rritation	Causes serious eye irritation.	
Skin corrosion/irritation Serious eye damage/eye rritation	Causes serious eye irritation.	
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitizatio	Causes serious eye irritation.	
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Respiratory sensitization Skin sensitization	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or	any components present at greater than 0.1% are
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic.	
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a c	any components present at greater than 0.1% are arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic.	
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed.	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a considered	arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed.	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a c	arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed. OSHA Specifically Regulat Not regulated.	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a considered	arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed. OSHA Specifically Regulat Not regulated. US. National Toxicology P Not listed.	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a considered	arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed. OSHA Specifically Regulat Not regulated. US. National Toxicology P Not listed.	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a construction I Evaluation of Carcinogenicity ted Substances (29 CFR 1910.1001-1050) frogram (NTP) Report on Carcinogens This product is not expected to cause responses	arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed. OSHA Specifically Regulat Not regulated. US. National Toxicology P	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a con- I Evaluation of Carcinogenicity ted Substances (29 CFR 1910.1001-1050) rogram (NTP) Report on Carcinogens This product is not expected to cause re-	arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed. OSHA Specifically Regulat Not regulated. US. National Toxicology P Not listed. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity -	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a con- I Evaluation of Carcinogenicity ted Substances (29 CFR 1910.1001-1050) frogram (NTP) Report on Carcinogens This product is not expected to cause re- May cause drowsiness and dizziness.	arcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation Serious eye damage/eye rritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overal Not listed. OSHA Specifically Regulat Not regulated. US. National Toxicology P Not listed. Reproductive toxicity Specific target organ toxicity -	Causes serious eye irritation. on Not a respiratory sensitizer. May cause an allergic skin reaction. No data available to indicate product or mutagenic or genotoxic. This product is not considered to be a con- I Evaluation of Carcinogenicity ted Substances (29 CFR 1910.1001-1050) frogram (NTP) Report on Carcinogens This product is not expected to cause re- May cause drowsiness and dizziness.	eproductive or developmental effects.

12. Ecological information

Ecotoxicity	Harmful to aquatic life with long lasting effects.
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Product		Species	Test Results
HIL0116155 Mango Mete	red Air Fresher	ner	
Aquatic			
Crustacea	EC50	Daphnia	18981 mg/L, 48 Hours
Fish	LC50	Fish	7778 mg/L, 96 Hours
Components		Species	Test Results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 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-o	ictanol / water (log Kow)	
Acetone	-0.24	
Butane	2.89	
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

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, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
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.

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IAIA	
UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
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	-
Label(s)	None
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	LTD QTY
Transport in bulk according to	Not applicable.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT	



General information Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure adequate ventilation. Ensure compliance with applicable regulations. 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. CERCLA Hazardous Substance List (40 CFR 302.4) Acetone (CAS 67-64-1) Listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated. Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Immediate Hazard - Yes Delaved Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No SARA 302 Extremely hazardous substance Not listed. SARA 311/312 Hazardous No chemical SARA 313 (TRI reporting) Not regulated. 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) Propane (CAS 74-98-6) Safe Drinking Water Act Not regulated. (SDWA) Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and **Chemical Code Number** Acetone (CAS 67-64-1) 6532 Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)) Acetone (CAS 67-64-1) 35 %WV **DEA Exempt Chemical Mixtures Code Number** Acetone (CAS 67-64-1) 6532 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)) Acetone (CAS 67-64-1) Butane (CAS 106-97-8) **US. Massachusetts RTK - Substance List** Acetone (CAS 67-64-1) Butane (CAS 106-97-8) Propane (CAS 74-98-6)

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

Acetone (CAS 67-64-1) Butane (CAS 106-97-8) Propane (CAS 74-98-6)

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

Acetone (CAS 67-64-1) Butane (CAS 106-97-8) Propane (CAS 74-98-6)

US. Rhode Island RTK

Acetone (CAS 67-64-1) Butane (CAS 106-97-8) Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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	02-14-2019
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.
Revision information	This document has undergone significant changes and should be reviewed in its entirety.