# SAFETY DATA SHEET

## 1. Identification

Product number	100006555
Product identifier	11 OZ SNOW WAX LB 12PK
Company information	SUPERIOR CHEMICAL CORP. 1331 WISCONSIN AVE. SHEBOYGAN, WI 53081 United States
Company phone	General Assistance 920-457-4481
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	01
Recommended use	COATING
Recommended restrictions	None known.

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Skin corrosion/irritation	Category 2
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1B
	Reproductive toxicity (fertility)	Category 2
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	



Hazard statement

Label elements

Signal word

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

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. Do not breathe gas. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.
Storage	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.

97.2% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 82.22% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

**Mixtures** 

Chemical name	Common name and synonyms	CAS number	%
Butane		106-97-8	20 - 40
Naphtha (petroleum), hydrotreated light		64742-49-0	20 - 40
n-Hexane		110-54-3	10 - 20
Propane		74-98-6	10 - 20
Solvent Naphtha (Petroleum), Light Aliphatic		64742-89-8	10 - 20
Polydimethylsiloxane		63148-62-9	1 - 2.5
Cyclohexane		110-82-7	0.1 - 1
n-Heptane		142-82-5	0.1 - 1
Octamethylcyclotetrasiloxane		556-67-2	0.1 - 1
Octane		111-65-9	0.1 - 1
Other components below reportable level	s		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	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness or dizziness. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
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. Foam. Carbon dioxide (CO2).

Suitable extinguishing media	Powder. Foam. 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.
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. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.	
Environmental precautions	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 breathe gas. Avoid contact with eyes, skin, and clothing. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. 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. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol.	
Methods and materials for containment and cleaning up Environmental precautions 7. Handling and storage Precautions for safe handling	<ul> <li>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.</li> <li>Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Prevent entry into waterways, sewer, basements or confined areas. 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.</li> <li>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 breathe gas. Avoid contact with eyes, skin, and clothing. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Level 3 Aerosol.</li> <li>Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not punc</li></ul>	

# 8. Exposure controls/personal protection

#### **Occupational exposure limits**

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

Components	Туре	Value	
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m3	
		300 ppm	
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m3	
		500 ppm	
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m3	
		500 ppm	
Octane (CAS 111-65-9)	PEL	2350 mg/m3	
		500 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
US. ACGIH Threshold Limit Values	5		
Components	Туре	Value	
Butane (CAS 106-97-8)	STEL	1000 ppm	
Cyclohexane (CAS 110-82-7)	TWA	100 ppm	
n-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
n-Hexane (CAS 110-54-3)	TWA	50 ppm	
Octane (CAS 111-65-9)	TWA	300 ppm	
US. NIOSH: Pocket Guide to Chem	nical Hazards		
Components	Туре	Value	
Butane (CAS 106-97-8)	TWA	1900 mg/m3	

Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5)	TWA			0 ppm 50 mg/m3
			10	oo mg/mo
n-Heptane (CAS 142-82-5)			20	0
11-11eptane (CAS 142-02-5)	Ceilir			0 ppm 00 mg/m3
	Ceim	ig		0 ppm
	TWA			0 mg/m3
				ppm
n-Hexane (CAS 110-54-3)	TWA		18	0 mg/m3
				ppm
Octane (CAS 111-65-9)	Ceilir	ng		00 mg/m3
	<b>T</b> 14/4			5 ppm
	TWA			0 mg/m3
Propane (CAS 74-98-6)	TWA			ppm 00 mg/m3
				00 ppm
ological limit values				•• Pb
ACGIH Biological Exposure	Indicas			
	/alue	Determinant	Specimen	Sampling Time
n-Hexane (CAS 110-54-3) 0	).4 mg/l	2,5-Hexanedio n, without	Urine	*
		hydrolysis		
* - For sampling details, pleas	se see the source docu	ument.		
posure guidelines				
US - California OELs: Skin	-			
n-Hexane (CAS 110-54-3 US ACGIH Threshold Limit	·		absorbed throu	igh the skin.
n-Hexane (CAS 110-54-3	3)	Can be	absorbed throu	igh the skin.
propriate engineering ntrols	should be matched or other engineering exposure limits have	to conditions. If app controls to mainta e not been establis	blicable, use pro in airborne leve hed, maintain ai	nour) should be used. Ventilation rates cess enclosures, local exhaust ventilation ls below recommended exposure limits. rborne levels to an acceptable level. Ey le when handling this product.
lividual protection measures,	such as personal pr	otective equipme	nt	
Eye/face protection	Wear safety glasses	s with side shields (	or goggles).	
Hand protection	Wear appropriate cl	hemical resistant gl	oves.	
Skin protection		·		
Other	Wear appropriate d	homical resistant cl	othing Use of a	n impervious apron is recommended.
			ouning. Use of a	
Skin protection				
Respiratory protection	If permissible levels air-supplied respirat		NIOSH mechar	nical filter / organic vapor cartridge or an
Thermal hazards	Wear appropriate th	ermal protective cl	othing, when ne	cessary.
neral hygiene				ve good personal hygiene measures, sung, drinking, and/or smoking. Routinely

, appearance	
Physical state	Gas.
Form	Aerosol.
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	74.55 °F (23.64 °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 expl	losive limits	
Flammability limit - lower (%)	0.9 % estimated	
Flammability limit - upper (%)	7 % estimated	
Explosive limit - lower (%)	Not available.	
Explosive limit - upper (%)	Not available.	
Vapor pressure	55 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	493.55 °F (256.42 °C) estimated	
Decomposition temperature	Not available.	
Viscosity	Not available.	
Other information		
Specific gravity	0.758 estimated	
10. Stability and reactivity		
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.	

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. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

# 11. Toxicological information

# Information on likely routes of exposure

Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. Narcotic effects.
Skin contact	Causes skin irritation.
Eye contact	Not available.
Symptoms related to the physical, chemical and toxicological characteristics	Dizziness. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain.

## Information on toxicological effects

## Acute toxicity

May be fatal if swallowed and enters airways.

roduct	Species	Test Results
1 OZ SNOW WAX LB 12Pk	C (CAS Mixture)	
Acute		
Dermal		
LD50	Guinea pig; Rabbit	35.8987 ml/kg, 24 Hours estimated
	Rabbit	14195.9375 mg/kg, 4 Hours estimated
		4556.9902 mg/kg, 24 Hours estimated
		35.4898 ml/kg, 4 Hours estimated
	Rat	7058.999 mg/kg estimated
Inhalation		5 5
LC100	Cat	224.9269 % estimated
LC50	Mouse	3091.4954 mg/l, 120 Minutes estimated
2000	incucc	129.9578 %, 120 Minutes estimated
	- /	39.987 mm/l, 2 Hours estimated
	Rat	35489.8438 ppm, 24 Hours estimated
		20071.0605 ppm, 4 Hours estimated
		12250.2158 mg/m3, 4 Hours estimated
		1619.6606 mg/l/4h estimated
		11.4215 mg/l, 4 Hours estimated
Oral		
LD50	Rat	11124.4355 mg/kg estimated
		169.7813 ml/kg estimated
	Wistar rat	347.8005 g/kg estimated
omponents	Species	Test Results
utane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
yclohexane (CAS 110-82-7		
Acute	)	
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	> 32880 mg/m3, 4 Hours
2000		> 5540 ppm, 4 Hours
anhtha (natroloum), hydratr	eated light (CAS 64742-49-0)	> 00+0 ppm, + nouis
Acute	eated light (CAS 64742-49-0)	
Dermal		
LD50	Guinea pig; Rabbit	> 9.4 ml/kg, 24 Hours
LDJU		
	Rabbit	> 1900 mg/kg, 24 Hours
Inhalation	Det	
1 ( . 6 ( )	Rat	> 5020 mg/m3, 4 Hours
LC50		
LCSU		> 4980 mg/m3
LCSU		> 4980 mg/m3 > 4980 mg/m3, 4 Hours
LCSU		-

Components	Species	Test Results
Oral	Pat	4820 mg/kg
LD50	Rat	4820 mg/kg
n-Heptane (CAS 142-82-5)		
<b>Acute</b> Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation	rabbit	2000 mg/kg, 21 moulo
LC50	Rat	> 29.29 mg/l, 4 Hours
1-Hexane (CAS 110-54-3)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 4 Hours
		> 5 ml/kg, 4 Hours
Inhalation		<u>.</u>
LC50	Rat	> 5000 ppm, 24 Hours
		> 31.86 mg/l
		73860 ppm, 4 Hours
Oral		
LD50	Rat	24 ml/kg
2000		24 g/kg
	Wistar rat	
$\Delta tapa (CAS 111 SE 0)$	Wistal Tat	49 g/kg
Octane (CAS 111-65-9) Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		2000 mg/ng, 21 mould
LC50	Rat	> 24.88 mg/l, 4 Hours
Propane (CAS 74-98-6)		3, 11
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
Solvent Nanhtha (Petroleum)	Light Aliphatic (CAS 64742-89-8)	ooo mgazan
Acute		
Dermal		
LD50	Rabbit	> 1900 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 5020 mg/m3, 4 Hours
		> 4980 mg/m3
		> 4980 mg/m3, 4 Hours
		> 4.96 mg/l, 4 Hours
Oral		
LD50	Rat	4820 mg/kg
LDOU		iozo inging
* Estimates for product m	ay be based on additional component data not shown.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye	Not available.	
irritation		

Respiratory or skin sensitization	1
<b>Respiratory sensitization</b>	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	May cause genetic defects.
Carcinogenicity	May cause cancer.
OSHA Specifically Regulate Not listed.	d Substances (29 CFR 1910.1001-1050)
Reproductive toxicity	Suspected of damaging fertility.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Respiratory system. Skin. Central nervous system. Eyes. Peripheral nervous system. May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Chronic effects	May cause damage to organs through prolonged or repeated exposure.

# 12. Ecological information

Ecotoxicity

Toxic to aquatic life with long lasting effects.

	. eras to uquut		
Product		Species	Test Results
11 OZ SNOW WAX LB 12PP	(CAS Mixture)		
Aquatic			
Algae	IC50	Algae	15963.4609 mg/L, 72 Hours estimated
Crustacea	EC50	Daphnia	19079.25 mg/L, 48 Hours estimated
Fish	LC50	Fish	16.2608 mg/L, 96 Hours estimated
Components		Species	Test Results
Cyclohexane (CAS 110-82-7	')		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	23.03 - 42.07 mg/l, 96 hours
n-Heptane (CAS 142-82-5)			
Aquatic			
Fish	LC50	Mozambique tilapia (Tilapia mossambica)	375 mg/l, 96 hours
n-Hexane (CAS 110-54-3)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.101 - 2.981 mg/l, 96 hours
Polydimethylsiloxane (CAS 6	63148-62-9)		
Aquatic			
Fish	LC50	Channel catfish (Ictalurus punctatus)	2.36 - 4.15 mg/l, 96 hours
Solvent Naphtha (Petroleum Aquatic	), Light Aliphatic (	CAS 64742-89-8)	
Algae	IC50	Algae	4700 mg/L, 72 Hours
* Estimates for product may	be based on addi	tional component data not shown.	
Persistence and degradability	No data is ava	ilable on the degradability of this product.	
Bioaccumulative potential	No data availa	ble.	
Partition coefficient n-octa	nol / water (log k		
Butane		2.89	
Cyclohexane		3.44 4.66	
n-Heptane n-Hexane		3.9	
Octane		5.18	
Propane		2.36	
Mobility in soil	No data availa	ble.	
-			

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.	
US RCRA Hazardous Waste	U List: Reference	
Cyclohexane (CAS 110-8	32-7) U056	
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	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.	

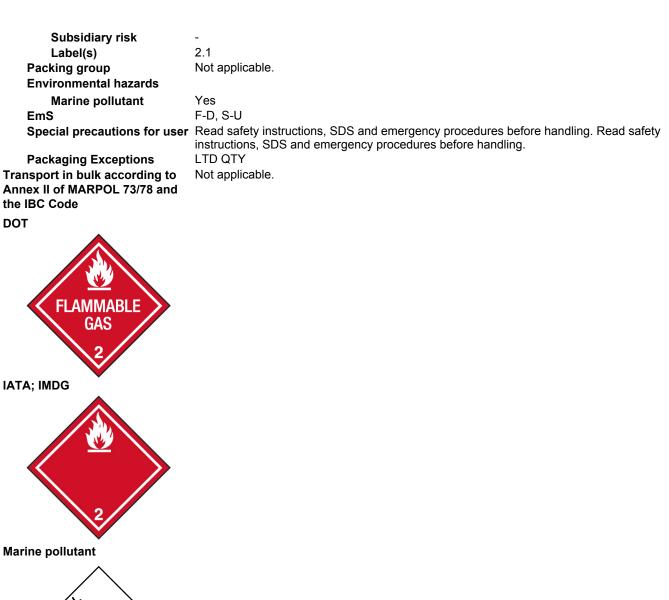
### 14. Transport information

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.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. 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 and both may be displayed concurrently.

#### ΙΑΤΑ

UN numberUN 1950UN proper shipping nameAerosols, flammableTransport hazard class(e):Z.1Class2.1Subsidiary risk2.1Packing groupNot applicable.Environmental hazardsYesERG Code10LSpecial precautions for useRead safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.Other informationVesPassenger and cargo aircraftAllowed.Cargo aircraft onlyAllowed.VD numberUN 1950UN numberUN1950UN numberUN1950UN proper shipping nameAEROSOLSTransport hazard class(e):Z.1		
Transport hazard class(es)       2.1         Class       2.1         Subsidiary risk       -         Label(s)       2.1         Packing group       Not applicable.         Environmental hazards       Yes         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. Read safety instructions, SDS and emergency procedures before handling.         Other information       Read safety instructions, SDS and emergency procedures before handling.         Passenger and cargo aircraft       Allowed.         Cargo aircraft only       Allowed.         Packaging Exceptions       LTD QTY         IMDG       UN number       UN1950         UN proper shipping name Transport hazard class(es)       AEROSOLS	UN number	UN1950
Class2.1Subsidiary risk-Label(s)2.1Packing groupNot applicable.Environmental hazardsYesERG Code10LSpecial precautions for userRead safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.Other informationAllowed.Passenger and cargo aircraftAllowed.Cargo aircraft onlyAllowed.Packaging ExceptionsLTD QTYIMDGUN1950UN numberUN1950AEROSOLSTransport hazard class(es)Kend Safety Safet	UN proper shipping name	Aerosols, flammable
Subsidiary risk Label(s).Label(s)2.1Packing groupNot applicable.Environmental hazardsYesERG Code10LSpecial precautions for userRead safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.Other informationAllowed. Allowed. Encargo aircraft only Allowed. Allowed. ID QTYPackaging Exceptions UN number UN number UN numberUN 1950 AEROSOLSMUN proper shipping name Transport hazard class(es)AEROSOLS	Transport hazard class(es)	
Label(s)2.1Packing groupNot applicable.Environmental hazardsYesEnvironmental hazardsYesERG Code10LSpecial precautions for userRead safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.Other informationPassenger and cargo aircraft Cargo aircraft onlyAllowed.Packaging ExceptionsLTD QTYIMDGUN number UN proper shipping name Transport hazard class(es)UN 1950 AEROSOLS	Class	2.1
Packing groupNot applicable.Environmental hazardsYesEnvironmental hazardsYesERG Code10LSpecial precautions for userRead safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.Other informationAllowed.Passenger and cargo aircraftAllowed.Cargo aircraft onlyAllowed.Packaging ExceptionsLTD QTYIMDGUN1950UN number UN proper shipping name Transport hazard class(es)UN1950	Subsidiary risk	-
Environmental hazardsYesERG Code10LSpecial precautions for userRead safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.Other informationAllowed.Passenger and cargo aircraft Cargo aircraft onlyAllowed.Packaging ExceptionsLTD QTYIMDGUN number UN proper shipping name Transport hazard class(es)	Label(s)	2.1
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.         Cargo aircraft only       Allowed.         Packaging Exceptions       LTD QTY         IMDG       UN number       UN1950         AEROSOLS       AEROSOLS	Packing group	Not applicable.
Special precautions for user       Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.         Other information       Allowed.         Passenger and cargo aircraft       Allowed.         Cargo aircraft only       Allowed.         Packaging Exceptions       LTD QTY         IMDG       UN number         UN proper shipping name Transport hazard class(es)       AEROSOLS	Environmental hazards	Yes
Other information       Passenger and cargo aircraft       Allowed.         Cargo aircraft only       Allowed.         Packaging Exceptions       LTD QTY         IMDG       UN number       UN1950         VN proper shipping name Transport hazard class(es)       AEROSOLS	ERG Code	10L
Passenger and cargo aircraft       Allowed.         cargo aircraft only       Allowed.         Packaging Exceptions       LTD QTY         IMDG       UN number       UN1950         UN proper shipping name       AEROSOLS         Transport hazard class(es)       V	Special precautions for user	
aircraft Cargo aircraft only Allowed. Packaging Exceptions LTD QTY IMDG UN number UN1950 UN proper shipping name AEROSOLS Transport hazard class(es)	Other information	
Packaging Exceptions     LTD QTY       IMDG     UN number     UN1950       UN proper shipping name     AEROSOLS       Transport hazard class(es)     V	<b>č</b>	Allowed.
IMDG     UN number     UN1950       UN proper shipping name     AEROSOLS       Transport hazard class(es)     Image: Class (class (class)	Cargo aircraft only	Allowed.
UN numberUN1950UN proper shipping nameAEROSOLSTransport hazard class(es)	Packaging Exceptions	LTD QTY
UN proper shipping name AEROSOLS Transport hazard class(es)	IMDG	
Transport hazard class(es)	UN number	UN1950
	UN proper shipping name	AEROSOLS
Class 2.1	Transport hazard class(es)	
	Class	2.1





**General information** 

IMDG Regulated 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. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 C Not regulated. CERCLA Hazardous Substance List (40 CFR	
Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) SARA 304 Emergency release notification	Listed. Listed.
Not regulated. OSHA Specifically Regulated Substances (2 Not listed.	9 CFR 1910.1001-1050)

#### 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 No

chemical

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
n-Hexane	110-54-3	10 - 20	
Cyclohexane	110-82-7	0.1 - 1	
Benzene	71-43-2	0.01 - 0.1	
Ethyl Benzene	100-41-4	0.01 - 0.1	

#### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

n-Hexane (CAS 110-54-3)

#### 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)

#### **US state regulations**

#### US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Octane (CAS 111-65-9) Propane (CAS 74-98-6)

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

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Octane (CAS 111-65-9) Propane (CAS 74-98-6)

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

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Octane (CAS 111-65-9) Propane (CAS 74-98-6)

#### US. Rhode Island RTK

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6)

#### 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

Benzene (CAS 71-43-2) Ethyl Benzene (CAS 100-41-4)	Listed: February 27, 1987 Listed: June 11, 2004	
US - California Proposition 65 - CRT: Listed date/Developmental toxin		
Benzene (CAS 71-43-2)	Listed: December 26, 1997	
Toluene (CAS 108-88-3)	Listed: January 1, 1991	

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

Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin Benzene (CAS 71-43-2) Listed: December 26, 1997

#### **International Inventories**

Toluene (CAS 108-88-3)

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 Version #	10-02-2014 01
Disclaimer	We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. 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.
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