SAFETY DATA SHEET

1. Identification

Product number	258501
Product identifier	**MAINTEX SPRAY-N-STRIP BASEBOARD WAX STRIPPER**
Company information	MAINTEX 13300 E. NELSON AVE. CITY OF INDUSTRY, CA 91746 United States
Company phone	General Assistance 1-626-961-1988
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	07
Recommended use	Stripper
Recommended restrictions	None known.

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3

OSHA defined hazards: Not classified.

Label elements

Signal word	Danger
Hazard statement	Extremely flammable aerosol. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage.

Precautionary statement

Prevention	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. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a poison center/doctor. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
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.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information: 35.63% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
2-Butoxyethanol		111-76-2	20 - 40
Butane Propane		106-97-8	2.5 - 10
Ethylene Glycol		74-98-6	1 - 2.5
Pine Oil		107-21-1	0.1 - 1
Sodium Hydroxide		8002-09-3	0.1 - 1
1,4-Dioxane		1310-73-2	0.1 - 1
Anhydrous Ammonia		123-91-1	0 - 0.1
Ethylene Oxide		7664-41-7	0 - 0.1
Phosphoric Acid		75-21-8	0 - 0.1
		7664-38-2	0 - 0.1
Other components below reportable levels			60 - 80

*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	Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash clothing separately before reuse. Call a physician or poison control center immediately. Chemical burns must be treated by a physician.
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	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	May cause allergic skin reaction. Rash. May cause severe irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical 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	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
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.
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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. 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.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. 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.

Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Do not handle or store near an open flame, heat or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not spray on a naked flame or any other incandescent material. Use only in well-ventilated areas. Provide adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and clothing. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not re-use empty containers. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Keep away from heat, sparks and open flame. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol.

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Type	Value
Ethylene Oxide (CAS 75-21-8)	STEL	5 ppm
	TWA	1 ppm

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

Components	Type	Value
1,4-Dioxane (CAS 123-91-1)	PEL	360 mg/m3
		100 ppm
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m3
		50 ppm
Anhydrous Ammonia (CAS 7664-41-7)	PEL	35 mg/m3
		50 ppm
Phosphoric Acid (CAS 7664-38-2)	PEL	1 mg/m3
Propane (CAS 74-98-6)	PEL	1800 mg/m3
		1000 ppm
Sodium Hydroxide (CAS 1310-73-2)	PEL	2 mg/m3

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
1,4-Dioxane (CAS 123-91-1)	TWA	20 ppm	
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm	
Anhydrous Ammonia (CAS 7664-41-7)	STEL	35 ppm	
	TWA	25 ppm	
Butane (CAS 106-97-8)	STEL	1000 ppm	
Ethylene Glycol (CAS 107-21-1)	Ceiling	100 mg/m3	Aerosol.
Ethylene Oxide (CAS 75-21-8)	TWA	1 ppm	
Phosphoric Acid (CAS 7664-38-2)	STEL	3 mg/m3	
	TWA	1 mg/m3	
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
1,4-Dioxane (CAS 123-91-1)	Ceiling	3.6 mg/m3
		1 ppm
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m3
		5 ppm
Anhydrous Ammonia (CAS 7664-41-7)	STEL	27 mg/m3
		35 ppm
	TWA	18 mg/m3
		25 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m3
		800 ppm
Ethylene Oxide (CAS 75-21-8)	Ceiling	9 mg/m3
		5 ppm
	TWA	0.18 mg/m3
		0.1 ppm
Phosphoric Acid (CAS 7664-38-2)	STEL	3 mg/m3
	TWA	1 mg/m3
Propane (CAS 74-98-6)	TWA	1800 mg/m3
		1000 ppm
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
2-Butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*

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

Exposure guidelines

US - California OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

1,4-Dioxane (CAS 123-91-1)	Skin designation applies.
2-Butoxyethanol (CAS 111-76-2)	Skin designation applies.

US - Tennesse OELs: Skin designation

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

1,4-Dioxane (CAS 123-91-1)	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)

1,4-Dioxane (CAS 123-91-1)	Can be absorbed through the skin.
2-Butoxyethanol (CAS 111-76-2)	Can be absorbed through the skin.

Appropriate engineering controls: Explosion-proof general and local exhaust ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles).

Hand protection: Wear protective gloves.

Skin protection

Other: Wear appropriate chemical resistant clothing.

Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	Liquid.
Physical state	Gas.
Form	Aerosol.
Color	Light brown. Tan.
Odor	Solvent.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	189.02 °F (87.23 °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 (%)	2 % estimated
Flammability limit - upper (%)	8.5 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	55 - 75 psig @25C 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	495.26 °F (257.36 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.89 g/cm3 estimated
Flammability class	Flammable IB estimated
Heat of combustion	10.4 kJ/g estimated
Heat of combustion (NFPA 30B)	17.07 kJ/g estimated
Percent volatile	95.22 % estimated
Specific gravity	0.885 estimated
VOC (Weight %)	31 % 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	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	Causes severe skin burns. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Symptoms related to the physical, chemical and toxicological characteristics	May cause allergic skin reaction. Rash. Burning pain and severe corrosive skin damage. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity: Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Product	Species	Test Results
19 OZ TERAND FOAMY GEL BASBRD & WAX S (CAS Mixture)		
Acute		
Dermal		
LD50	Rabbit	965.9583 mg/kg estimated
Inhalation		
LC50	Cat	888.0952 mg/l, If <1L: Consumer Commodity Hours estimated
	Mouse	12099.6445 mg/l, 2 Hours estimated
		8458.333 mg/l, 10 Minutes estimated
		4000 mg/l, If <1L: Consumer Commodity Hours estimated
		3074.2205 mg/l, 7 Hours estimated
	Rabbit	8392.8574 mg/l, If <1L: Consumer Commodity Hours estimated
	Rat	60623.8203 mg/l, 15 Minutes estimated
		9047.6191 mg/l, 2 Hours estimated
		1690.8733 mg/l, 4 Hours estimated
		9.6264 mg/l/4h estimated
LCL0	Cat	5833.3335 mg/l, If <1L: Consumer Commodity Hours estimated
	Rabbit	5833.3335 mg/l, If <1L: Consumer Commodity Hours estimated
	Rat	1666.6666 mg/l, If <1L: Consumer Commodity Hours estimated
Oral		
LD50	Guinea pig	5.2623 g/kg estimated
	Mouse	5.2657 g/kg estimated
	Rabbit	1.4054 g/kg estimated
	Rat	2030.5884 mg/kg estimated
Other		
LD50	Mouse	3924.6138 mg/kg estimated
	Rabbit	1229.6881 mg/kg estimated

Product	Species	Test Results
	Rat	1487.3269 mg/kg estimated
Components	Species	Test Results
1,4-Dioxane (CAS 123-91-1)		
Acute		
Dermal		
LD50	Rabbit	7600 mg/kg
	Rat	> 8300 mg/kg
Inhalation		
LC50	Mouse	37 mg/l, 2 Hours
	Rat	46 mg/l, 2 Hours
Oral		
LD50	Cat	2000 mg/kg
	Dog	2100 mg/kg
	Guinea pig	3150 mg/kg
	Mouse	5700 mg/kg
	Rabbit	2000 mg/kg
	Rat	7120 mg/kg
		5.2 ml/kg
Other		
LD50	Mouse	790 mg/kg
	Rabbit	1000 mg/kg
	Rat	799 mg/kg
2-Butoxyethanol (CAS 111-76-2)		
Acute		
Dermal		
LD50	Rabbit	220 mg/kg
Inhalation		
LC50	Mouse	700 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
		2.21 mg/l/4h
Oral		
LD50	Guinea pig	1.2 g/kg
	Mouse	1.2 g/kg
	Rabbit	0.32 g/kg
	Rat	470 mg/kg
Other		
LD50	Mouse	1130 mg/kg
	Rabbit	280 mg/kg
	Rat	340 mg/kg
Anhydrous Ammonia (CAS 7664-41-7)		
Acute		
Inhalation		
LC50	Cat	0.746 mg/l, If <1L: Consumer Commodity Hours
	Mouse	7.105 mg/l, 10 Minutes
		3.36 mg/l, If <1L: Consumer Commodity Hours
		3.31 mg/l, 2 Hours

Components	Species	Test Results
	Rabbit	7.05 mg/l, If <1L: Consumer Commodity Hours
	Rat	4000 ppm, If <1L: Consumer Commodity Hours
		7.6 mg/l, 2 Hours
		5.1 mg/l, If <1L: Consumer Commodity Hours
Oral		
LD50	Rat	350 mg/kg
Butane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	680 mg/l, 2 Hours
	Rat	658 mg/l, 4 Hours
Ethylene Glycol (CAS 107-21-1)		
Acute		
Dermal		
LD50	Rabbit	9530 mg/kg
Oral		
LD50	Cat	1650 mg/kg
	Dog	5500 mg/kg
	Guinea pig	8.2 g/kg
	Mouse	14.6 g/kg
	Rat	5.89 g/kg
Other		
LD50	Mouse	5.8 g/kg
	Rat	2800 mg/kg
Ethylene Oxide (CAS 75-21-8)		
Acute		
Inhalation		
LC50	Dog	973 ppm, 4 Hours
		1.8 mg/l, 4 Hours
	Guinea pig	1.5 mg/l, 4 Hours
	Mouse	1.505 mg/l, 4 Hours
	Rat	1.44 mg/l, 4 Hours
		1 mg/l/4h
		0.9 mg/l, If <1L: Consumer Commodity Hours
Oral		
LD50	Guinea pig	270 mg/kg
	Mouse	280 mg/kg
	Rat	72 mg/kg
Other		
LD50	Mouse	175 mg/kg
	Rat	100 mg/kg
Phosphoric Acid (CAS 7664-38-2)		
Acute		
Dermal		
LD50	Rabbit	2740 mg/kg

Components	Species	Test Results
Oral		
LD50	Rat	1530 mg/kg
Propane (CAS 74-98-6)		
Acute		
Inhalation		
LC50	Rat	> 1442.847 mg/l, 15 Minutes
		658 mg/l/4h
Sodium Hydroxide (CAS 1310-73-2)		
Acute		
Dermal		
LD50	Rat	1350 mg/kg
Other		
LD50	Mouse	40 mg/kg

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

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

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

1,4-Dioxane (CAS 123-91-1)	2B Possibly carcinogenic to humans.
2-Butoxyethanol (CAS 111-76-2)	3 Not classifiable as to carcinogenicity to humans.
Ethylene Oxide (CAS 75-21-8)	If <1L: Consumer Commodity Carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Ethylene Oxide (CAS 75-21-8)	Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

1,4-Dioxane (CAS 123-91-1)	Reasonably Anticipated to be a Human Carcinogen.
Ethylene Oxide (CAS 75-21-8)	Known To Be Human Carcinogen.

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

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Product		Species	Test Results
19 OZ TERAND FOAMY GEL BASBRD & WAX S (CAS Mixture)			
Aquatic			
Algae	IC50	Algae	195.8478 mg/L, 72 Hours estimated
Crustacea	EC50	Daphnia	5044.709 mg/l, 48 hours estimated
Fish	LC50	Fish	887.8942 mg/L, 96 Hours estimated
Components		**Species**	**Test Results**
1,4-Dioxane (CAS 123-91-1)			
Aquatic			
Fish	LC50	Fish	10001, 96 Hours

Components		Species	Test Results
2-Butoxyethanol (CAS 111-76-2)			
Aquatic			
Crustacea	EC50	Daphnia	1819 mg/L, 48 Hours
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
Anhydrous Ammonia (CAS 7664-41-7)			
Aquatic			
Fish	LC50	Chinook salmon (Oncorhynchus tshawytscha)	0.43 - 0.47 mg/l, 96 hours
Ethylene Glycol (CAS 107-21-1)			
Aquatic			
Crustacea	EC50	Daphnia	46300 mg/L, 48 Hours
Fish	LC50	Fathead minnow (Pimephales promelas)	8050 mg/l, 96 hours
Ethylene Oxide (CAS 75-21-8)			
Aquatic			
Crustacea	EC50	Daphnia	137, 48 Hours
Fish	LC50	Fish	84, 96 Hours
Sodium Hydroxide (CAS 1310-73-2)			
Aquatic			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	34.59 - 47.13 mg/l, 48 hours
Fish	LC50	Fish	45, 96 Hours

Persistence and degradability Not available.

Bioaccumulative potential Not available.

Partition coefficient n-octanol / water (log Kow)

1,4-Dioxane	-0.27
2-Butoxyethanol	0.83
Butane	2.89
Ethylene Glycol	-1.36
Ethylene Oxide	-0.3
Propane	2.36

Mobility in soil Not 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.

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

1,4-Dioxane (CAS 123-91-1)	U108
Ethylene Oxide (CAS 75-21-8)	U115

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.

14. Transport information

DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None

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	153, N82
Packaging exceptions	LTD QTY
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.

IATA

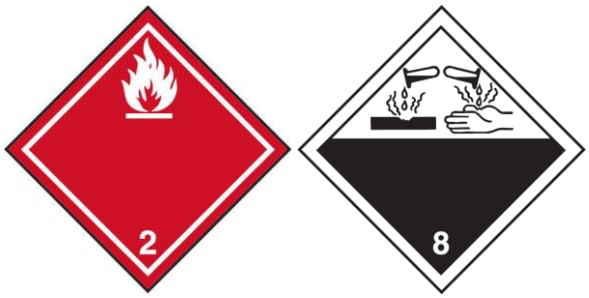
UN number	UN1950
UN proper shipping name	Aerosols, flammable, containing substances in Class 8, Packing Group III
Transport hazard class(es)	
Class	2.1
Subsidiary risk	8
Label(s) Packing group	2.1, 8
Environmental hazards	Not applicable.
ERG Code	No.
	10C
Special precautions for user	Read safety instructions, 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
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s) Packing group	2.1, 8
Environmental hazards	Not applicable.
Marine pollutant	No.
EmS	Not available.
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 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.

CERCLA Hazardous Substance List (40 CFR 302.4)

1,4-Dioxane (CAS 123-91-1)	Listed.
Anhydrous Ammonia (CAS 7664-41-7)	Listed.
Ethylene Glycol (CAS 107-21-1)	Listed.
Ethylene Oxide (CAS 75-21-8)	Listed.
Phosphoric Acid (CAS 7664-38-2)	Listed.
Sodium Hydroxide (CAS 1310-73-2)	Listed.

SARA 304 Emergency release notification

Anhydrous Ammonia (CAS 7664-41-7)	100 LBS
Ethylene Oxide (CAS 75-21-8)	10 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Ethylene Oxide (CAS 75-21-8)	Cancer Reproductive toxicity Mutagenicity Central nervous system Skin sensitization Skin irritation Eye irritation respiratory tract irritation Acute toxicity Flammability

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories — Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
Anhydrous Ammonia	7664-41-7	100	500 lbs		
Ethylene Oxide	75-21-8	10	1000 lbs		

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Ethylene Glycol	107-21-1	0.1 - 1
1,4-Dioxane	123-91-1	0 - 0.1
Ethylene Oxide	75-21-8	0 - 0.1

Other federal regulations

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

1,4-Dioxane (CAS 123-91-1)
Ethylene Glycol (CAS 107-21-1)
Ethylene Oxide (CAS 75-21-8)

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

Anhydrous Ammonia (CAS 7664-41-7)
Butane (CAS 106-97-8)
Ethylene Oxide (CAS 75-21-8)
Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA): Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

1,4-Dioxane (CAS 123-91-1)
2-Butoxyethanol (CAS 111-76-2)
Anhydrous Ammonia (CAS 7664-41-7)
Butane (CAS 106-97-8)
Ethylene Glycol (CAS 107-21-1)
Ethylene Oxide (CAS 75-21-8)
Phosphoric Acid (CAS 7664-38-2)
Propane (CAS 74-98-6)
Sodium Hydroxide (CAS 1310-73-2)

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

1,4-Dioxane (CAS 123-91-1)
2-Butoxyethanol (CAS 111-76-2)
Anhydrous Ammonia (CAS 7664-41-7)
Butane (CAS 106-97-8)
Ethylene Glycol (CAS 107-21-1)
Ethylene Oxide (CAS 75-21-8)
Phosphoric Acid (CAS 7664-38-2)
Pine Oil (CAS 8002-09-3)
Propane (CAS 74-98-6)
Sodium Hydroxide (CAS 1310-73-2)

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

1,4-Dioxane (CAS 123-91-1)
2-Butoxyethanol (CAS 111-76-2)
Anhydrous Ammonia (CAS 7664-41-7)
Butane (CAS 106-97-8)
Ethylene Glycol (CAS 107-21-1)
Ethylene Oxide (CAS 75-21-8)
Phosphoric Acid (CAS 7664-38-2)
Propane (CAS 74-98-6)
Sodium Hydroxide (CAS 1310-73-2)

US. Rhode Island RTK

1,4-Dioxane (CAS 123-91-1)
Anhydrous Ammonia (CAS 7664-41-7)
Butane (CAS 106-97-8)
Ethylene Glycol (CAS 107-21-1)
Ethylene Oxide (CAS 75-21-8)
Phosphoric Acid (CAS 7664-38-2)
Propane (CAS 74-98-6)
Sodium Hydroxide (CAS 1310-73-2)

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

1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988
Ethylene Oxide (CAS 75-21-8)	Listed: July 1, 1987

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

Ethylene Oxide (CAS 75-21-8)	Listed: August 7, 2009

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

Ethylene Oxide (CAS 75-21-8)	Listed: February 27, 1987

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

Ethylene Oxide (CAS 75-21-8)	Listed: August 7, 2009

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)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
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	07-17-2014
Version #	07
Disclaimer	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.