SAFETY DATA SHEET

1. Identification

Product number	FC1107
Product identifier	MAXIM SELF FOAMING BASEBOARD STRIPPER
Revision date	03-25-2015
Company information	MIDLAB 140 PRIVATE BRAND WAY ATHENS, TN 37303 United States
Company phone	General Assistance 423-337-3180
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	07
Supersedes date	10-11-2014
Recommended use	Not available.
Recommended restrictions	None known.

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	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 skin irritation. Causes serious eye irritation.
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. Wear protective gloves. Wear eye/face protection.
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Storage	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Not available.
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	%
Water		7732-18-5	60 - 80
2-Butoxyethanol		111-76-2	20 - 40
Butane		106-97-8	2.5 - 10
Alkyl Phenol Ethoxylate Phosphate Ester		68412-53-3	1 - 2.5
Propane		74-98-6	1 - 2.5
Anhydrous Ammonia		7664-41-7	0.1 - 1
Bentone EW Rheological Additive		12173-47-6	0.1 - 1
EDTA Tertrasodium Salt		64-02-8	0.1 - 1
Ethylene Glycol		107-21-1	0.1 - 1
Nonylphenol Ethoxylates, Branched		68412-54-4	0.1 - 1
Pine Oil		8002-09-3	0.1 - 1
Sodium Hydroxide		1310-73-2	0.1 - 1
Other components below reportable levels	S		0.1 - 1

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

4. First-aid measures

Inhalation	If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
Skin contact	Take off immediately all contaminated clothing. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash clothing separately before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water fog. 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	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

0. Accidental release meat	
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. 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. 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. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. 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 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. Avoid contact with skin, eyes and clothing. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
Conditions for safe storage,	Level 1 Aerosol.
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. 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. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol (NFPA 30B)

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (2	29 CFR 1910.1000)
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Components	Туре	Value	Value		
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m3			
		50 ppm			
Anhydrous Ammonia (CAS 7664-41-7)	PEL	35 mg/m3			
		50 ppm			
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	Туре	Value	Form		
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.		
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3			

		Туре	Va	lue	
2-Butoxyethanol (CAS 111-76-2)		TWA	24	mg/m3	
			5	opm	
Anhydrous Ammonia (CAS	5	STEL	27	mg/m3	
7664-41-7)			35	ppm	
		TWA		mg/m3	
			25	ppm	
Butane (CAS 106-97-8)		TWA		00 mg/m3	
		T) A / A		0 ppm	
Propane (CAS 74-98-6)		TWA		00 mg/m3 00 ppm	
Sodium Hydroxide (CAS 1310-73-2)		Ceiling		ng/m3	
iological limit values					
ACGIH Biological Exposu	ure 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, pl	ease see the source	e document.			
posure guidelines					
US - California OELs: Sk	in designation				
2-Butoxyethanol (CAS			be absorbed throu	gh the skin.	
US - Minnesota Haz Subs	•	• •	decise ation annuis	_	
2-Butoxyethanol (CAS US - Tennesse OELs: Sk	in designation		designation applie		
2-Butoxyethanol (CAS US NIOSH Pocket Guide	to Chemical Hazar		be absorbed throu	gh the skin.	
2-Butoxyethanol (CAS			be absorbed throu 000)	gh the skin.	
US. OSHA Table Z-1 Lim	IS IOF AIL COMAININ				
2-Butoxyethanol (CAS		Can I	be absorbed throu	gh the skin.	
	S 111-76-2) Explosion-proc changes per h applicable, use maintain airbon established, m shower must b	of general and local ex our) should be used. process enclosures, rne levels below recon aintain airborne levels	haust ventilation. /entilation rates sh local exhaust vent nmended exposur to an acceptable dling this product.	Good genera iould be mate ilation, or oth e limits. If ex level. Eye wa Facilities sto	I ventilation (typically 10 air ched to conditions. If her engineering controls to bosure limits have not beer ash facilities and emergenc ring or utilizing this material
2-Butoxyethanol (CAS ppropriate engineering	S 111-76-2) Explosion-proc changes per h applicable, use maintain airbou established, m shower must b should be equi es, such as person	of general and local ex our) should be used. V e process enclosures, rne levels below recon laintain airborne levels be available when hand ipped with an eyewash	haust ventilation. /entilation rates sh local exhaust vent mended exposur to an acceptable dling this product. n facility and a safe ent	Good genera iould be mate ilation, or oth e limits. If ex level. Eye wa Facilities sto ety shower.	ched to conditions. If her engineering controls to bosure limits have not beer ash facilities and emergenc ring or utilizing this material
2-Butoxyethanol (CAS opropriate engineering ontrols dividual protection measure	S 111-76-2) Explosion-proc changes per h- applicable, use maintain airbou established, m shower must b should be equi es, such as person If contact is like	of general and local ex our) should be used. V e process enclosures, rne levels below recon a intain airborne levels be available when hand ipped with an eyewash al protective equipm	haust ventilation. /entilation rates sh local exhaust vent mmended exposur to an acceptable dling this product. n facility and a safe nent n side shields are	Good genera iould be mate ilation, or oth e limits. If ex level. Eye wa Facilities sto ety shower.	ched to conditions. If her engineering controls to bosure limits have not beer ash facilities and emergenc ring or utilizing this material
2-Butoxyethanol (CAS opropriate engineering ontrols dividual protection measure Eye/face protection	S 111-76-2) Explosion-proc changes per h- applicable, use maintain airbou established, m shower must b should be equi es, such as person If contact is like	of general and local ex our) should be used. Ve process enclosures, rne levels below recon laintain airborne levels be available when hand ipped with an eyewash hal protective equipm ely, safety glasses with	haust ventilation. /entilation rates sh local exhaust vent mmended exposur to an acceptable dling this product. n facility and a safe nent n side shields are	Good genera iould be mate ilation, or oth e limits. If ex level. Eye wa Facilities sto ety shower.	ched to conditions. If her engineering controls to bosure limits have not beer ash facilities and emergenc ring or utilizing this material
2-Butoxyethanol (CAS opropriate engineering ontrols dividual protection measure Eye/face protection Hand protection	S 111-76-2) Explosion-proc changes per h- applicable, use maintain airbou established, m shower must b should be equi es, such as person If contact is like Wear appropris	of general and local ex our) should be used. Ve process enclosures, rne levels below recon laintain airborne levels be available when hand ipped with an eyewash hal protective equipm ely, safety glasses with	haust ventilation. /entilation rates sh local exhaust vent mended exposur to an acceptable dling this product. In facility and a safe nent n side shields are gloves.	Good genera iould be mate ilation, or oth e limits. If ex level. Eye wa Facilities sto ety shower.	ched to conditions. If her engineering controls to bosure limits have not beer ash facilities and emergenc ring or utilizing this material
2-Butoxyethanol (CAS ppropriate engineering ontrols dividual protection measure Eye/face protection Hand protection Skin protection	S 111-76-2) Explosion-proc changes per h applicable, use maintain airbon established, m shower must b should be equi es, such as person If contact is like Wear appropria	of general and local ex our) should be used. Ve process enclosures, rne levels below recon a intain airborne levels be available when hand ipped with an eyewash hal protective equipmely, safety glasses with ate chemical resistant ate chemical resistant evels are exceeded us	haust ventilation. /entilation rates sh local exhaust vent mended exposur to an acceptable dling this product. n facility and a safe ent n side shields are gloves.	Good genera iould be mate ilation, or oth e limits. If ex level. Eye wa Facilities sto ety shower.	ched to conditions. If her engineering controls to bosure limits have not beer ash facilities and emergenc ring or utilizing this material
2-Butoxyethanol (CAS ppropriate engineering ontrols dividual protection measure Eye/face protection Hand protection Skin protection Other	S 111-76-2) Explosion-proc changes per h- applicable, use maintain airbou established, m shower must b should be equi es, such as person If contact is like Wear appropria Wear appropria	of general and local ex our) should be used. Ve process enclosures, rne levels below recon a intain airborne levels be available when hand ipped with an eyewash hal protective equipmely, safety glasses with ate chemical resistant ate chemical resistant evels are exceeded us	haust ventilation. /entilation rates sh local exhaust vent mended exposur to an acceptable dling this product. n facility and a safe ent n side shields are gloves. clothing. se NIOSH mechar	Good genera iould be mate ilation, or oth e limits. If ex level. Eye wa Facilities sto ety shower. recommende	ched to conditions. If her engineering controls to bosure limits have not beer ash facilities and emergenc ring or utilizing this material

Appearance	
Physical state	Gas.
Form	Aerosol.

Color	Light brown. Tan.
Odor	Solvent.
Odor threshold	Not available.
pH	11.5 - 12.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	189.02 °F (87.24 °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 (%)	Not available.
Flammability limit - upper (%)	Not available.
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	446 °F (230 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.912 estimated
10. Stability and reactivity	
Reactivity	Reacts violently with strong acids. This product may react with oxidizing agents.
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. Avoid temperatures exceeding the flash point. Do not mix with other chemicals. Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.
Incompatible materials	Acids. Strong oxidizing agents. Oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition	No hazardous decomposition products are known.

11. Toxicological information

products

Information	on	likelv	routes	of ex	cosure

Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.
Prolonged inhalation may be harmful.
Causes severe skin burns. May cause an allergic skin reaction.
2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.
Causes serious eye damage.

Acute toxicity

Burning pain and severe corrosive skin damage. May cause allergic skin reaction. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Causes severe eye damage.

Information on toxicological effects

	Expected to be a low hazard for usual industrial or commercial handling by trained personnel.
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Acute toxicity		sual industrial of commercial handling by trained personnel.
Components	Species	Test Results
2-Butoxyethanol (CAS 111-	76-2)	
Acute		
Dermal LD50		220 ml/kg 24 Hours
LD30	Guinea pig	230 ml/kg, 24 Hours
	D 11 1	7.3 ml/kg, 4 Days
	Rabbit	450 ml/kg, 24 Hours
		435 mg/kg, 24 Hours
		0.63 ml/kg
	Rat	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rabbit	400 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
Oral		
LD100	Rabbit	695 mg/kg
LD50	Dog	> 695 mg/kg
	Guinea pig	1200 mg/kg
	Rat	530 - 2800 mg/kg
Anhydrous Ammonia (CAS	7664-41-7)	
Acute		
Inhalation		
LC50	Mouse	4230 ppm, If <1L: Consumer Commodity Hours
	Rat	7939 mg/m3
		4000 ppm, If <1L: Consumer Commodity Hours
Oral		
LD50	Rat	350 mg/kg
Butane (CAS 106-97-8)		
Acute		
Inhalation	Maura	1007 mm/ 100 Minutes
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
EDTA Tertrasodium Salt (C.	AS 64-02-8)	
Acute		
Oral LD50	Rat	1658 mg/kg
Ethylene Glycol (CAS 107-2		1000 mg/kg
Acute	1)	
Dermal		
LD50	Mouse	> 3500 mg/kg
Inhalation		
LC50	Rat	> 2.5 mg/l, 6 Hours
Oral		
LD50	Rat	7712 mg/kg

Components	Species	Test Results
Nonylphenol Ethoxylates, Branch	ed (CAS 68412-54-4)	
Acute		
Oral		
LD50	Rat	5000 mg/kg
Propane (CAS 74-98-6)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
Sodium Hydroxide (CAS 1310-73	-2)	
Acute		
Dermal		
LD50	Rat	1350 mg/kg
* Estimates for product may l	be based on additional compon	ent data not shown.
Skin corrosion/irritation	Causes severe skin burns a	
Serious eye damage/eye	Causes serious eye damage	
irritation		
Respiratory or skin sensitizatio	n	
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	May cause an allergic skin r	eaction.
Germ cell mutagenicity	No data available to indicate mutagenic or genotoxic.	product or any components present at greater than 0.1% are
Carcinogenicity	This product is not considered	ed to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
IARC Monographs. Overall	Evaluation of Carcinogenicity	/
2-Butoxyethanol (CAS 1		3 Not classifiable as to carcinogenicity to humans.
	ed Substances (29 CFR 1910.	1001-1050)
Not listed.	-	
Reproductive toxicity		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. No	t likely, due to the form of the product.
Chronic effects	Prolonged inhalation may be	harmful. May be harmful if absorbed through skin.
		sorbed through the skin in toxic amounts if contact is repeated and ve not been observed in humans.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.			
Components		Species	Test Results
2-Butoxyethanol (CAS 111-7	6-2)		
Aquatic			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
Anhydrous Ammonia (CAS 7	664-41-7)		
Aquatic			
Fish	LC50	Chinook salmon (Oncorhynchus tshawytscha)	0.43 - 0.47 mg/l, 96 hours

Components		Species	Test Results
EDTA Tertrasodium Salt	(CAS 64-02-8)		
Aquatic			
Algae	IC50	Algae	1.01 mg/L, 72 Hours
Fish	LC50	Bluegill (Lepomis macrochirus)	472 - 500 mg/l, 96 hours
Ethylene Glycol (CAS 10	7-21-1)		
Aquatic			
Crustacea	EC50	Daphnia	46300 mg/L, 48 Hours
Fish	LC50	Fathead minnow (Pimephales promelas)	8050 mg/l, 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

* 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.

No data available. Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)	
2-Butoxyethanol	0.83
Butano	2 80

Dulane	2.09
Ethylene Glycol	-1.36
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	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

DOT

UN number UN proper_shipping_name	UN1950 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. 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

IATA	
UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	
Label(s) Packing	2.1
group Environmental	Not applicable.
hazards ERG Code	No.
	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
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s) Packing	2.1
group Environmental	Not applicable.
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 Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

DOT



15. Regulatory information

JS federal regulations Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.					
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)					
Not regulated. CERCLA Hazardous S	ubstance List (40)	CFR 302.4)			
Anhydrous Ammon Ethylene Glycol (C/ Sodium Hydroxide SARA 304 Emergency	ia (CAS 7664-41-7) AS 107-21-1) (CAS 1310-73-2))	Listed. Listed. Listed.		
Anhydrous Ammon OSHA Specifically Reg Not listed.			100 LBS 0.1001-1050)		
Superfund Amendments a	nd Reauthorizatior	n Act of 1986 (S	SARA)		
Hazard categories		Hazard - Yes azard - No d - Yes azard - No	,		
SARA 302 Extremely h	nazardous substar	nce			
Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
Anhydrous Ammonia Ethylene Oxide	7664-41-7 75-21-8	100 10	500 lbs 1000 lbs		
SARA 311/312 Hazardo chemical	ous No				
SARA 313 (TRI reportin Chemical name	ng)		CAS number	% by wt.	
Anhydrous Ammon Ethylene Glycol 1,4-Dioxane Ethylene Oxide	ia		7664-41-7 107-21-1 123-91-1 75-21-8	0.1 - 1 0.1 - 1 0.01 - 0.1 0.01 - 0.1	
Other federal regulations					
Clean Air Act (CAA) Se	ection 112 Hazardo	ous Air Pollutar	nts (HAPs) List		
Ethylene Glycol (C/ Clean Air Act (CAA) Se	AS 107-21-1)		. ,	3.130)	
Anhydrous Ammon Butane (CAS 106-9 Propane (CAS 74-9	ia (CAS 7664-41-7) 97-8)		(
Safe Drinking Water A (SDWA)		ed.			
US state regulations					
US. Massachusetts R1	K - Substance Lis	st			
2-Butoxyethanol (CAS 111-76-2) Anhydrous Ammonia (CAS 7664-41-7) Butane (CAS 106-97-8) Ethylene Glycol (CAS 107-21-1) Propane (CAS 74-98-6) Sodium Hydroxide (CAS 1310-73-2) US. New Jersey Worker and Community Right-to-Know Act					
2-Butoxyethanol (C Anhydrous Ammon Butane (CAS 106-9 Ethylene Glycol (C/ Pine Oil (CAS 8002 Propane (CAS 74-9 Sodium Hydroxide	ia (CAS 7664-41-7) 97-8) AS 107-21-1) 2-09-3) 98-6)				

US. Pennsylvania Worker and Community Right-to-Know Law 2-Butoxvethanol (CAS 111-76-2) Anhydrous Ammonia (CAS 7664-41-7) Butane (CAS 106-97-8) Ethylene Glycol (CAS 107-21-1) Propane (CAS 74-98-6) Sodium Hydroxide (CAS 1310-73-2) US. Rhode Island RTK Anhydrous Ammonia (CAS 7664-41-7) Butane (CAS 106-97-8) Ethylene Glycol (CAS 107-21-1) 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 No Substances (EINECS) European List of Notified Chemical Substances (ELINCS) No Europe Japan Inventory of Existing and New Chemical Substances (ENCS) No Existing Chemicals List (ECL) Korea No Yes New Zealand New Zealand Inventory

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

(PICCS)

Philippines

*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).

Philippine Inventory of Chemicals and Chemical Substances

16. Other information, including date of preparation or last revision

Issue date	09-09-2014
Revision date	03-25-2015
Version #	07
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.

Yes

Yes