# SAFETY DATA SHEET



## 1. Identification

.

Product number Product identifier Company information	DA7180 Aero Coil Cleaner Slash Lawson Products, Inc. 877 W. Bryn Mawr Ave. Chicago, IL 60631 United States
Company phone	773-304-5050
Emergency telephone US	888-426-4851

Version #	01
Recommended use	Cleaner
Recommended restrictions	None known.

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Serious eye damage/eye irritation	Category 2A
	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. May cause an allergic skin reaction. 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. Avoid breathing gas. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Wear eye/face protection.
Response	If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.
Storage	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	33.49% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 33.49% 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	%
2-Propoxyethanol		1569-01-3	10 - 20
Butane		106-97-8	2.5 - 10
Glycol Ether EB		Mixture	2.5 - 10
Isopropyl Alcohol		67-63-0	2.5 - 10
Propane		74-98-6	2.5 - 10
Citrus Turpines		94266-47-4	1 - 2.5
Sodium Nitrite		7632-00-0	0.1 - 1
Other components below reportable	levels		60 - 80

#: This substance has workplace exposure limit(s).

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

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

**Composition comments** 

The full text for all R-phrases is displayed in Section 16 of the SDS.

#### 4. First-aid measures

Inhalation	If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Call a physician or Poison Control Center immediately. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.
Skin contact	Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Call a physician or Poison Control Center immediately. If skin irritation or rash occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Continue rinsing. Call a physician or Poison Control Center immediately.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Most important symptoms/effects, acute and delayed	Irritation of eyes and mucous membranes. May cause allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Take off contaminated clothing and shoes immediately. Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Water.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Fire may produce irritating, corrosive and/or toxic gases.
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. Firefighters should wear full protective active should a set approximate the structural firefighters protective.

face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear full protective clothing including self contained breathing apparatus. Structural firefighters protective clothing will only provide limited protection.

Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. 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. Some of these materials, if spilled, may evaporate leaving a flammable residue.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.
6. Accidental release meas	sures
Personal precautions, protective equipment and emergency procedures	Consider initial downwind evacuation for at least 500 meters (1/3 mile). Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing gas. 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. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to
	remove residual contamination. This material and its container must be disposed of as hazardous waste. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Will ignite if exposed to intensive heat or open air. Vapors may form explosive mixtures with air. May be ignited by open flame. 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 mist or vapor. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure. Do not get this material on clothing. Use only in area provided with appropriate exhaust ventilation. Observe good industrial hygiene practices. Wash thoroughly after handling. Do not empty into drains.
Conditions for safe storage, including any incompatibilities	Keep locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. The pressure in sealed containers can increase under the influence of heat. 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

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. Keep container dry. Refrigeration recommended. Keep away from food, drink and animal feedingstuffs. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). Level 2 Aerosol.

# 8. Exposure controls/personal protection

## **Occupational exposure limits**

Components	Туре	Value	
Glycol Ether EB (CAS Mixture)	PEL	240 mg/m3	
,		50 ppm	
Isopropyl Alcohol (CAS 67-63-0)	PEL	980 mg/m3	
/		400 ppm	

Propane (CAS 74-98-6)	Туре		Va	alue
F10parte (CAS 74-90-0)	PEL			300 mg/m3
			10	)00 ppm
US. ACGIH Threshold Li	mit Values			
Components	Туре		Va	alue
Butane (CAS 106-97-8)	STEL		1(	000 ppm
Glycol Ether EB (CAS Mixture)	TWA		20	) ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL		40	00 ppm
	TWA		20	00 ppm
US. NIOSH: Pocket Guid	e to Chemical Hazards			
Components	Туре		Va	alue
Butane (CAS 106-97-8)	TWA			900 mg/m3
				00 ppm
Glycol Ether EB (CAS Mixture)	TWA		24	l mg/m3
			5	ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL		12	225 mg/m3
,			50	00 ppm
	TWA		98	30 mg/m3
			40	00 ppm
Propane (CAS 74-98-6)	TWA		18	300 mg/m3
			10	000 ppm
ACGIH Biological Expos Components	Value	Determinant	Specimen	Sampling Time
			-	
Glycol Ether EB (CAS Mixture)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
Glycol Ether EB (CAS Mixture)	200 mg/g 40 mg/l		Creatinine in	*
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0)	40 mg/l	acid (BAA), with hydrolysis Acetone	Creatinine in urine	
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering	40 mg/l lease see the source docu	acid (BAA), with hydrolysis Acetone iment.	Creatinine in urine Urine	
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering atrols	40 mg/l lease see the source docu Ensure adequate ve	acid (BAA), with hydrolysis Acetone Iment. entilation, especially	Creatinine in urine Urine	*
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pro Avoid contact with e	acid (BAA), with hydrolysis Acetone iment. entilation, especially otective equipment	Creatinine in urine Urine	*
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering ntrols ividual protection measure Eye/face protection	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pr Avoid contact with e Face-shield.	acid (BAA), with hydrolysis Acetone ment. entilation, especially otective equipmen yes. Wear eye/face	Creatinine in urine Urine	* eas. Provide eyewash station.
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering trols ividual protection measure Eye/face protection Hand protection	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pro Avoid contact with e Face-shield. Not normally needed	acid (BAA), with hydrolysis Acetone ment. entilation, especially otective equipment yes. Wear eye/face	Creatinine in urine Urine in confined are	* eas. Provide eyewash station. ear tight-fitting goggles or face shield.
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering ntrols ividual protection measure Eye/face protection	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pro Avoid contact with e Face-shield. Not normally needed	acid (BAA), with hydrolysis Acetone ment. entilation, especially otective equipment eyes. Wear eye/face d. ne skin. Wear chem	Creatinine in urine Urine in confined are t protection. We	* eas. Provide eyewash station. ear tight-fitting goggles or face shield. equipment that is specifically recommende
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering trols ividual protection measure Eye/face protection Hand protection	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pro Avoid contact with e Face-shield. Not normally needed Avoid contact with th	acid (BAA), with hydrolysis Acetone ment. entilation, especially otective equipment eyes. Wear eye/face d. ne skin. Wear chem	Creatinine in urine Urine in confined are t protection. We	* eas. Provide eyewash station. ear tight-fitting goggles or face shield. equipment that is specifically recommende
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering ntrols ividual protection measure Eye/face protection Hand protection Other	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pro Avoid contact with e Face-shield. Not normally needed Avoid contact with th by the manufacturer	acid (BAA), with hydrolysis Acetone ment. entilation, especially otective equipment eyes. Wear eye/face d. ne skin. Wear chem : It may provide littl are exceeded use	Creatinine in urine Urine in confined are nt protection. We nical protective e or no thermal	* eas. Provide eyewash station. ear tight-fitting goggles or face shield. equipment that is specifically recommende
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering itrols ividual protection measure Eye/face protection Hand protection Other Skin protection	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pr Avoid contact with e Face-shield. Not normally needed Avoid contact with th by the manufacturer If permissible levels air-supplied respirate	acid (BAA), with hydrolysis Acetone ument. entilation, especially otective equipmen eyes. Wear eye/face d. ne skin. Wear chem : It may provide littl are exceeded use or.	Creatinine in urine Urine in confined are nt protection. We nical protective e or no thermal NIOSH mechan	* eas. Provide eyewash station. ear tight-fitting goggles or face shield. equipment that is specifically recommende protection. hical filter / organic vapor cartridge or an
Glycol Ether EB (CAS Mixture) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, pl propriate engineering ntrols ividual protection measure Eye/face protection Hand protection Other Skin protection Respiratory protection	40 mg/l lease see the source docu Ensure adequate ve res, such as personal pro Avoid contact with e Face-shield. Not normally needed Avoid contact with th by the manufacturer If permissible levels air-supplied respirate	acid (BAA), with hydrolysis Acetone ament. entilation, especially otective equipment eyes. Wear eye/face d. ne skin. Wear chem the skin. Wear chem	Creatinine in urine Urine in confined are nt protection. We nical protective e or no thermal NIOSH mechan	* eas. Provide eyewash station. ear tight-fitting goggles or face shield. equipment that is specifically recommende protection. hical filter / organic vapor cartridge or an

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

# 9. Physical and chemical properties

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	Not available.
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
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
10. Stability and reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Risk of explosion. Risk of ignition.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Exposure to air. Heat, flames and sparks. Avoid temperatures exceeding the flash point.
Incompatible materials	Strong oxidizing agents. Isocyanates. Oxygen. Acids. Chlorine. Do not mix with other chemicals.
Hazardous decomposition products	No hazardous decomposition products are known.
11. Toxicological informat	ion
Information on likely routes of e	•
Ingestion	Expected to be a low ingestion hazard.

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	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.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.
Information on toxicological effe	ects
Acute toxicity	May cause allergic skin reaction.

Product	Species	Test Results
18 OZ 12PK SLASH COIL &	FIN CLNR 5% EB (CAS Mixture)	
Acute		
Dermal		
LD50	Rat	4562 mg/kg
Inhalation		
LC50	Rat	41 mg/l/4h
Components	Species	Test Results
2-Propoxyethanol (CAS 156	9-01-3)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
		3775 mg/kg, 24 Hours
		4.29 ml/kg, 24 Hours
Inhalation		
LC50	Rat	> 1725 ppm, 6 Hours
Oral		
LD50	Mouse	260 mg/kg
	Rat	2490 mg/kg
		2.83 ml/kg
Butane (CAS 106-97-8)		C C
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
Citrue Turninge (CAS 04266		1000 mg/i
Citrus Turpines (CAS 94266 Acute	-47-4)	
Dermal		
LD50	Rat	2000 mg/kg
Glycol Ether EB (CAS Mixtu		
Acute		
Dermal		
LD50	Guinea pig	232.3232 ml/kg, 24 Hours estimated
		7.3737 ml/kg, 4 Days estimated
	Rabbit	188.7233 mg/kg, 24 Hours estimated
	Kabbit	151.6565 ml/kg, 24 Hours estimated
	Rat	2020.202 mg/kg, 24 Hours estimated
Inhalation	Dabbit	
LC50	Rabbit	404.0404 ppm, 7 Hours estimated
	Rat	454.5454 ppm, 4 Hours estimated
		250.0001 mg/l, 6 Hours estimated
		2.2323 mg/l/4h estimated
Oral		
LD100	Rabbit	702.0202 mg/kg estimated
LD50	Dog	702.0202 mg/kg estimated
	Guinea pig	1212.1212 mg/kg estimated
	Rat	534.9822 mg/kg estimated
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Components	Species	Test Results	
Isopropyl Alcohol (CAS 67-63-0)			
Acute			
Dermal			
LD50	Rabbit	16.4 ml/kg, 24 Hours	
Inhalation	<b>D</b> /	40000	
LC50	Rat	> 10000 ppm, 6 Hours	
Oral LD50	Rat	5 94 a/ka	
	Rai	5.84 g/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 Nitrite (CAS 7632-00-0)			
Acute			
Oral			
LD50	Rat	180 mg/kg	
* Estimates for product may be	based on additional component data not shown.		
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritatio	n.	
Serious eye damage/eye irritation	Harmful in contact with eyes. Causes serious eye irri		
Respiratory or skin sensitization			
Respiratory sensitization	Not available.		
Skin sensitization	May cause an allergic skin reaction. Frequent or prol leading to discomfort and dermatitis.	onged contact may defat and dry the skin,	
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.	
OSHA Specifically Regulated Not listed.	l Substances (29 CFR 1910.1001-1050)		
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 likely, due to the form of the product.		
Chronic effects	Hazardous by OSHA criteria. Prolonged or repeated exposure may cause lung injury. May be harmful if absorbed through skin.		
	2-Butoxy ethanol may be absorbed through the skin prolonged. These effects have not been observed in		
	Repeated absorption may cause disorder of central r Prolonged exposure may cause chronic effects.	nervous system, liver, kidneys and blood.	
Further information	Symptoms may be delayed.		
12. Ecological information			
Ecotoxicity	n Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected		

		Species	Test Results	
18 OZ 12PK SLASH COIL &	FIN CLNR 5	% EB (CAS Mixture)		
Aquatic	IC50	Algao	11400 mg/L 72 Hours	
Algae		Algae	11409 mg/L, 72 Hours	
Crustacea	EC50	Daphnia	2033 mg/L, 48 Hours	
Fish	LC50	Fish	1477 mg/L, 96 Hours	
Components		Species	Test Results	
Citrus Turpines (CAS 94266-	47-4)			
Aquatic	LC50	Fish		
Fish		FISH	702 mg/L, 96 Hours	
Glycol Ether EB (CAS Mixtur Aquatic	e)			
Crustacea	EC50	Daphnia	1836.6449 mg/L, 48 Hours estimated	
Fish	LC50	Fish	1383.2914 mg/l, 96 hours estimated	
-		11511	1303.2914 mg/l, 90 hours estimated	
Isopropyl Alcohol (CAS 67-63 Aquatic	3-0)			
Algae	IC50	Algae	1000.0001 mg/L, 72 Hours	
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours	
Fish	LC50		> 1400 mg/l, 96 hours	
-		Bluegill (Lepomis macrochirus)	> 1400 mg/l, 96 nouis	
Sodium Nitrite (CAS 7632-00 Aquatic	)-0)			
Crustacea	EC50	Greasyback shrimp (Metapenaeus	16.14 - 26.61 mg/l, 48 hours	
Ciusiacea	LCOU	ensis)	10.14 - 20.01 mg/l, 40 hours	
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	0.15 - 0.25 mg/l, 96 hours	
		additional component data not shown.		
sistence and degradability	No data is	available on the degradability of this produc	ct.	
sistence and degradability accumulative potential	No data is No data a	available on the degradability of this productive vailable.	ct.	
sistence and degradability accumulative potential Partition coefficient n-octa	No data is No data a	available on the degradability of this productivallable. <b>og Kow)</b>	ct.	
sistence and degradability accumulative potential	No data is No data a	available on the degradability of this productive vailable.	ct.	
sistence and degradability accumulative potential Partition coefficient n-octa 2-Propoxyethanol Butane Isopropyl Alcohol	No data is No data a	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05	ct.	
sistence and degradability accumulative potential Partition coefficient n-octa 2-Propoxyethanol Butane Isopropyl Alcohol Propane	No data is No data a nol / water (l	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36	ct.	
sistence and degradability accumulative potential Partition coefficient n-octar 2-Propoxyethanol Butane Isopropyl Alcohol Propane bility in soil	No data is No data a <b>nol / water (l</b> No data a	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36 vailable.		
sistence and degradability accumulative potential Partition coefficient n-octa 2-Propoxyethanol Butane Isopropyl Alcohol Propane	No data is No data a <b>nol / water (l</b> No data a No other a	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36 vailable. adverse environmental effects (e.g. ozone de	epletion, photochemical ozone creation	
sistence and degradability accumulative potential Partition coefficient n-octar 2-Propoxyethanol Butane Isopropyl Alcohol Propane bility in soil er adverse effects	No data is No data a <b>nol / water (l</b> No data a No other a potential,	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36 vailable.	epletion, photochemical ozone creation	
sistence and degradability accumulative potential Partition coefficient n-octar 2-Propoxyethanol Butane Isopropyl Alcohol Propane bility in soil er adverse effects Disposal consideratio	No data is No data a nol / water (l No data a No other a potential,	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36 vailable. adverse environmental effects (e.g. ozone de endocrine disruption, global warming potent	epletion, photochemical ozone creation ial) are expected from this component.	
sistence and degradability accumulative potential Partition coefficient n-octar 2-Propoxyethanol Butane Isopropyl Alcohol Propane bility in soil er adverse effects	No data is No data a <b>nol / water (l</b> No data a No other a potential, <b>ons</b> Consult au This mate	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36 vailable. adverse environmental effects (e.g. ozone de endocrine disruption, global warming potent uthorities before disposal. Contents under per rial and its container must be disposed of as	epletion, photochemical ozone creation ial) are expected from this component. ressure. Do not puncture, incinerate or crust hazardous waste. Incinerate the materia	
sistence and degradability accumulative potential Partition coefficient n-octar 2-Propoxyethanol Butane Isopropyl Alcohol Propane bility in soil er adverse effects Disposal consideratio	No data is No data a nol / water (I No data a No other a potential, ons Consult au This mate under con	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36 vailable. adverse environmental effects (e.g. ozone de endocrine disruption, global warming potent uthorities before disposal. Contents under per rial and its container must be disposed of as trolled conditions in an approved incinerator	epletion, photochemical ozone creation ial) are expected from this component. ressure. Do not puncture, incinerate or cru s hazardous waste. Incinerate the materia . Do not allow this material to drain into	
sistence and degradability accumulative potential Partition coefficient n-octar 2-Propoxyethanol Butane Isopropyl Alcohol Propane bility in soil er adverse effects Disposal consideratio	No data is No data a nol / water (I No data a No other a potential, ons Consult au This mate under con sewers/wa	available on the degradability of this product vailable. <b>og Kow)</b> 0.621 2.89 0.05 2.36 vailable. adverse environmental effects (e.g. ozone de endocrine disruption, global warming potent uthorities before disposal. Contents under per rial and its container must be disposed of as	epletion, photochemical ozone creation ial) are expected from this component. ressure. Do not puncture, incinerate or cru s hazardous waste. Incinerate the materia . Do not allow this material to drain into aterways or ditches with chemical or used	
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## 14. Transport information

### DOT

UN number	UN1950
UN proper shipping name	Aerosols SAMPLE
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	306
Packaging non bulk	None
Packaging bulk	None
This product meets the excepti	ion requirements of section 173 306 as a limited quantity and may be shipped as a limited qua

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.

# Transport in bulk according to<br/>Annex II of MARPOL 73/78 and<br/>the IBC CodeNot applicable.

DOT



## 15. Regulatory information

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.			Communication	
TSCA Section 12(b) Ex	port Notification	40 CFR 707, Su	ıbpt. D)		
Not regulated.					
<b>CERCLA Hazardous S</b>	ubstance List (40	CFR 302.4)			
Sodium Nitrite (CAS	S 7632-00-0)		Listed.		
SARA 304 Emergency	release notification	on			
Not regulated.					
OSHA Specifically Reg	gulated Substance	s (29 CFR 1910	.1001-1050)		
Not listed.					
perfund Amendments a	nd Reauthorizatio	n Act of 1986 (S	SARA)		
Hazard categories	Delayed Ha Fire Hazard Pressure H	l - 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	7664-41-7	100	500 lbs		
SARA 311/312 Hazardo chemical	ous No				

7632-00-0 rdous Air Pollutants (HAPs) List cidental Release Prevention (40 CFR ated. luct does not contain a chemical knowr r other reproductive harm. nce List ) munity Right-to-Know Act )	0.1 - 1 R 68.130)
cidental Release Prevention (40 CFR ated. luct does not contain a chemical known r other reproductive harm. nce List ) nunity Right-to-Know Act	
cidental Release Prevention (40 CFR ated. luct does not contain a chemical known r other reproductive harm. nce List ) nunity Right-to-Know Act	
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luct does not contain a chemical knowr r other reproductive harm. nce List ) nunity Right-to-Know Act ) nmunity Right-to-Know Law	n to the State of California to cause cancer, birth
luct does not contain a chemical knowr r other reproductive harm. nce List ) nunity Right-to-Know Act ) nmunity Right-to-Know Law	n to the State of California to cause cancer, birth
r other reproductive harm. nce List nunity Right-to-Know Act ) nmunity Right-to-Know Law	n to the State of California to cause cancer, birth
nunity Right-to-Know Act ) nmunity Right-to-Know Law	
nunity Right-to-Know Act ) nmunity Right-to-Know Law	
oxic Enforcement Act of 1986 (Propos cinogens or reproductive toxins.	sition 65): This material is not known to contain
y name	On inventory (yes/no)*
n Inventory of Chemical Substances (A	
Substances List (DSL)	Ý
	Nc
( )	hina (IECSC) Yes
Inventory of Existing Commercial Che	
List of Notified Chemical Substances	(ELINCS) No
of Existing and New Chemical Substa	Inces (ENCS) Yes
Chemicals List (ECL)	Yes
	Yes
•	I Substances Yes
ar y ar y ar y ar	mestic Substances List (NDSL) y of Existing Chemical Substances in C an Inventory of Existing Commercial Ch ces (EINECS) an List of Notified Chemical Substances y of Existing and New Chemical Substa Chemicals List (ECL) aland Inventory he Inventory of Chemicals and Chemica

\*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	08-13-2014
Version #	01
	000.00

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.