



1 Identification

GHS Product Identifier

Product Form: Aerosol
Trade Name: Fog Out Fog Remover
Product Number: FOFR-3959

Recommended use of the chemical and restriction on use

Cleaning product

Supplier's details

Max Pro
P.O. Box 9962
Ft. Lauderdale, FL 33310 USA

Tel.: 954-972-3338

Emergency phone number

CHEMTREC 24 Hour Emergency Response
USA & Canada 800-424-9300

2 Hazard(s) identification

Classification of the substance or mixture

Skin Irritation: Category 2
Eye Irritation: Category 2A
Gases under pressure: Liquefied gas

GHS label elements

Warning



Contains gas under pressure; may explode if heated

Causes skin irritation

Causes serious eye irritation

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Protect from sunlight. Store in a well-ventilated place.

Other hazards which do not result in classification

Routes of entry: Skin contact; eye contact; ingestion.

Potential Health Effects

Acute Effects:

Eye: Direct contact may cause eye irritation, redness, discomfort, and corrosion to eyes.

Skin:	Direct contact may cause irritation. Symptoms may include redness and burning of skin. Passage of this material into the body through the skin is possible and skin contact may be harmful. Wash contaminated clothing before reuse.
Inhalation:	Breathing this material may be harmful. Symptoms may include headache, irritation, and burns to the nose, throat, and respiratory tract.
Oral:	Material is harmful if swallowed. Symptoms may include abdominal pain and severe stomach and intestinal irritation (nausea, vomiting and diarrhea).
<u>Prolonged/Repeated Exposure Effects:</u>	
Chronic Exposure:	For purposes of chronic exposure under the OSHA Hazard Communication Standard, these are untested mixtures. These products have been used extensively by consumers and not aware of any significant adverse effects when used as directed.
Target Organs:	Overexposure to some of the components in this material may cause some toxicity in laboratory animals (mild, reversible liver and kidney effects). There is no evidence that this occurs in humans.
Carcinogen Status:	OSHA: No NTP: No IARC: No
Inhalation:	Breathing this material may be harmful. Symptoms may include headache, irritation, and burns to the nose, throat, and respiratory tract.
Oral:	Swallowing large amounts may be harmful and cause burns of the mouth, throat and stomach, discomfort, nausea, vomiting and diarrhea.

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Butoxyethanol	111-76-2		5.6739	
Sodium Laureth Sulfate	68585-34-2		5.6739	
sodium tripolyphosphate	7758-29-4		1.8913	
SD Alcohol 40-B (Alcohol Denat.)	64-17-5		1.8913	
sodium carbonate	497-19-8		1.8913	
sodium hydroxide	1310-73-2		1.8913	
2-Propanol	67-63-0		13.24	
Water	7732-18-5		62.41	
Propane	74-98-6		2.11	
Isobutane	75-28-5		0.57	
n-Butane	106-97-8		0.85	
Other components below reportable levels				

4 First-aid measures

Description of necessary first-aid measures

Eye Contact:	Immediately flush with plenty of cool water. Remove any contact lenses. Continue to flush eyes and under the eyelids with plenty of cool water for at least 15 minutes. Do not rub eyes. Get medical attention right away.
Skin Contact:	Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Inhalation:	Remove person to fresh air. Increase ventilation. Get medical attention if condition does not improve.
Ingestion (Oral):	Do not induce vomiting. Rinse out mouth with water. Contact Poison Control Center right away. Seek immediate medical attention. If possible do not leave individual unattended.
Comments:	Always consult a physician. Treat according to person's condition and specifics of exposure. Keep out of reach of children. Keep containers closed when not in use. This material is for industrial and institutional use only. Mix only with water. Thoroughly rinse empty containers before disposal.

5 Fire-fighting measures

Suitable extinguishing media

Water Mist/Fog, Carbon Dioxide, Alcohol Resistant Foam, and Dry Chemical.

Specific hazards arising from the chemical

Unusual Fire Hazards: Not expected.

Special protective actions for fire-fighters

Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as fog. Cool product containers with flooding amounts of water from as far a distance as possible. Avoid breathing vapors; keep upwind.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

Protective Equipment: Refer to Section 8.

Emergency Procedure: Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

Methods and materials for containment and cleaning up

Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility. Do not allow contact with soil, surface or ground water.

7 Handling and storage

Precautions for safe handling

Keep container closed (treat as an alkaline material). Do not ingest. Do not get in eyes, on skin, or on clothing. Provide sufficient ventilation and avoid prolonged skin contact. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Do not store in metallic containers or near acids. Keep out of reach of children. The product should be stored in the original containers in a cool and dry location. Keep container closed and away from heat and flame sources. Since emptied containers retain product residues, all hazard precautions given in this MSDS must be observed. Protect from heat.

8 Exposure controls/personal protection

Control parameters

Exposure Controls:

Component Name (CAS #)	ACGIH TLV	OSHA PEL	NIOSH IDLH
SD Alcohol 40-B (64-17-5)	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m3	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m3
Butoxyethanol (111-76-2)	TWA: 20 ppm TWA: 97 mg/m3	TWA: 50 ppm TWA: 240 mg/m3	TWA: 5 ppm TWA: 24 mg/m3
Pentasodium Triphosphate (7758-29-4)	TWA: 10 mg/m3 (inhalable); TWA: 3 mg/m3 (respirable)	TWA: 15 mg/m3 (total dust); TWA: 5 mg/m3 (respirable)	N/A
Sodium Hydroxide (1310-73-2)	Ceiling: 2 mg/m3	TWA: 2 mg/m3	Ceiling: 2 mg/m3

Appropriate engineering controls

Eyewash Stations; Ventilation Systems; Showers

Individual protection measures

Eyes:	Use proper protection such as safety goggles or a face-shield.
Skin:	Wear resistant gloves. To prevent repeated or prolonged skin contact wear impervious clothing and boots during handling of spills.
Inhalation:	Respirator is advised in the absence of proper ventilation.
Clothing:	Impervious coverall or any protective suit is recommended.

9 Physical and chemical properties

Physical and chemical properties

Physical Form:	White Foaming Liquid
Color:	Orange
Odor:	Citrus Fragrance

pH:	Approximately 13
Viscosity:	Not Applicable
Specific Gravity:	Approximately 1.0
Melting / Freezing Point:	No data available
Boiling Point / Range:	No data available
Flash Point:	Not applicable
Partition Coefficient (n-octanol/water):	No data available
Vapor Pressure @ 25°C:	No data available
Volatile Content:	> 4 %
Solubility in Water:	Soluble

10 Stability and reactivity

Chemical stability

Stable under normal conditions.

Conditions to avoid

This product is an alkaline, water based liquid. However, as with any cleaning product, mixtures with other products should be avoided. Avoid excessive heat.

Incompatible materials

Metals, strong acids or alkalis, acetyl compounds, calcium hypochlorite, and strong oxidizing substances.

Hazardous decomposition products

Decomposition products may include the following materials: Carbon, Nitrogen, Sulfur and Phosphorus Oxides. Traces of incompletely burned carbon compounds may be present.

11 Toxicological information

Toxicological (health) effects

Acute Toxicity

Product Information: This product is safe for its intended use based on: formulation; bulk, finished product, and stability testing results; and a long history of safe consumer use.

Potential Health Effects: May cause redness, pain and/or serious eye damage. May cause abdominal pain and/or digestive tract burns. May cause coughing and/or nose, throat, and lung irritation.

Chronic Toxicity

Chronic Toxicity: Health injuries are not known or expected under normal use.

Target Organ Effects: No specific information is available.

12 Ecological information

Toxicity

Ecotoxicity: Will not bio-concentrate in aquatic media.

Persistence and degradability

No specific information is available.

Bioaccumulative potential

No specific information is available.

Mobility in soil

No specific information is available.

13 Disposal considerations

Disposal methods

Waste Disposal:	Disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Do not discharge into waterways or sewer systems without proper state or local authorization.
Container Disposal:	Dispose in a licensed facility. Additionally, disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage.
Other:	When product is properly discharged in low concentrations to biological wastewater treatment plants it should not cause any disturbances in the degradation activity of the activated sludge.

14 Transport information

UN Number

UN1950

UN Proper Shipping Name

Consumer Commodity, ORM-D

Shipping description: UN1950, Aerosols, 2.2, LTD QTY

Transport hazard class(es)

2

Packing group, if applicable

N/A

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

No additional information.

16 Other information

Other information

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.