



ENFORCER Products, Inc.
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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name	Glass Foaming Cleaner
Product Code	SLFOM19
Date of issue	02/02/04 Supersedes 10/19/01
Emergency Telephone Numbers	For MSDS Information: Compliance Services (404) 352-1680 For a Medical Emergency: INFOTRAC (877) 541-2016 (Toll Free - Calls Recorded) For a Transportation Emergency: CHEMTREC (800) 424-9300 (Toll Free - Calls Recorded)
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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1-10	ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s).
ACETONE; dimethyl ketone	67-64-1	1-10	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s).
BLEND OF ISOBUTANE, PROPANE, & n-BUTANE	75-28-5; 74-98-6; 106-97-8	1-10	ACGIH TLV (United States). TWA: 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Eye contact. Inhalation.

Skin Hazardous in case of skin contact (irritant). Direct contact may cause irritation and redness.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation. May cause respiratory tract irritation. Can cause central nervous system depression

Ingestion Ingestion not likely under normal use conditions.

HMIS	
Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not determined.	Flammable Limits	Not applicable.
Flammability	Non-flammable. (CSMA)		
Fire Hazard	CONTENTS UNDER PRESSURE.		
Fire-Fighting Procedures	Use an extinguishing agent suitable for surrounding fires. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		

**Section 6. Accidental Release Measures**

Spill Clean up Unlikely in this form.

Section 7. Handling and Storage

Handling	CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Avoid contact with eyes. Avoid breathing vapors or spray mists.
Storage	Store and use away from heat, sparks, open flame, or any other ignition source. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes	Safety glasses.
Body	Protective gloves should be worn under conditions of prolonged use.



Respirator: A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Physical State	Aerosol. (Liquid fill)	Color	Cloudy, Colorless.
pH	Not available.	Odor	Pleasant.
Boiling Point	96°C (204.8°F)	Vapor Pressure	Not determined.
Specific Gravity	0.978 (Water = 1)	Vapor Density	>1 (Air = 1)
Solubility	Easily soluble in cold water, hot water.	Evaporation Rate	1 compared to Water
		VOC (Consumer)	117 (g/l).

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	None identified.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon oxides (CO, CO ₂) and organic chemicals.

Section 11. Toxicological Information

Toxicity to Animals	Isopropyl Alcohol:
	ORAL (LD50): Acute: 5045 mg/kg [Rat].
	Acetone:
	ORAL (LD50): Acute: 3000 mg/kg [Mouse.].
	DERMAL (LD50): Acute: 20000 mg/kg [Rabbit.].

Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OE	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Non-regulated waste
Consult your local or regional authorities.	

Section 14. Transport Information

Proper shipping name	Consumer Commodity
DOT Classification	ORM-D
UN number	Not applicable.
TDG Classification	Consumer Commodity ORM-D

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.

State Regulations California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Formaldehyde, Acetaldehyde, Benzene

WHMIS (Canada) Class D-2B: Material causing other toxic effects (TOXIC).

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.