

AEROSOL FLUSH
#389

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME(S) **AEROSOL FLUSH #389**

MANUFACTURER **EF PRODUCTS, LP**
8200 Springwood Drive, Suite 255
Irving, TX 75063
Phone No.: 1-888-396-0422
CHEMTREC Phone No.: 1-800-298-9164

PREPARATION DATE September 5, 2006

PREPARED BY Allen Price

2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA HAZARDOUS INGREDIENTS TABLE

CHEMICAL	CAS #	OSHA PEL	ACGIH TLV
Aliphatic Petroleum Distillate	64742-47-8	5mg/m3 (mist)	5mg/m3 (mist)
D-Limonene	5989-27-5	Not est.	Not est.
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm

3. HAZARDS IDENTIFICATION

HMIS RATING: Health 1, Flammability 4, Reactivity 0

NFPA RATING: Toxicity 1, Flammability 4, Reactivity 0

HEALTH EFFECTS

Inhalation High concentrations of vapors may cause harmful effects. Symptoms usually occur at air concentrations higher than the recommended exposure limits. May irritate nose and throat and cause symptoms of intoxication such as dizziness, nausea, or headache.

Eye Contact Direct spray or vapors will irritate and may harm eyes. Symptoms include stinging, tearing, and redness.

Skin Contact Product may cause irritation due to defatting of skin. Prolonged or repeated contact may dry the skin burns. Passage of this material into the body through the skin is possible but it is unlikely that this would result in harmful effects during safe handling and use.

Ingestion Harmful if swallowed. May cause lung inflammation or other lung injury.

PRIMARY ROUTES OF EXPOSURE: Inhalation, eye/skin contact.

CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting eye, skin, or respiratory disorders may be aggravated by exposure.

ANY INGRED. LISTED CARCINOGEN: OSHA Not listed. IARC Not listed. NTP Not listed.

4. FIRST AID

Inhalation Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.

Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

Ingestion If swallowed, DO NOT induce vomiting unless directed to do so by a physician or poison control center. Get medical attention immediately.

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5. FIRE FIGHTING MEASURES

Extinguisher Media	Foam, Dry Chemical (B-C), CO ₂
Flammable Limits in Air	LEL 0.7%, UEL 5.0%
Flash Point(concentrate)	120 - 130°F
Flash Point(propellant)	N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-off gear and chemical Resistant personal protective equipment.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near product (even when empty) because product (even just residue) can ignite easily.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR CLEANING UP LEAKS AND SPILLS: Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill. Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with regulations.

7. HANDLING, STORAGE, AND DISPOSAL

HANDLING: Use with adequate ventilation. Keep out of reach of children.

STORAGE: Do not use or store near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

DISPOSAL: This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. **DO NOT PUNCTURE!** If recycling is not available, wrap the container and discard in the trash.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

See Section 2 for applicable exposure limits.

ENGINEERING CONTROLS: Maintain adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT: Use respirator only as a last resort to control exposure.

Wear chemical resistant **GLOVES** if repeated skin contact occurs or causes irritation.

Wear **SAFETY GLASSES** or **GOGGLES** to prevent eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Mixture packaged in aerosol spray container
Appearance and Odor	Clear liquid spray with light citrus odor.
Specific Gravity(concentrate)	0.76 - 0.80 g/mL
Solubility in Water	Insoluble
pH	N/A
Evaporation Rate (BuAc=1)	<1.00
Volatile Organic Content (CARB)	94.0%
Boiling Point	>300°F
Vapor Pressure(propellant)	N/A

10. STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: Do not use or store near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Avoid contact with strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, hydrocarbons.

11. OTHER INFORMATION

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We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.