



# SAFETY DATA SHEET



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: FLUSH OFF

Application: Water Soluble Degreaser

Product Number: 1040

UN-Number: N/A

Manufacturer Information: Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
Physical: 1175 Industrial Way Sparks, NV 89431  
Phone Number: 775-359-8494 or 800-648-1153

Emergency Phone No.  
Chemtrec: 1-800-424-9300

Pages: 3

Web: SUNRISENV.COM

## 2. HAZARDS IDENTIFICATION

### Emergency Overview:

Signal Word: DANGER

Caution: May cause irritation if inhaled, absorbed through skin, or swallowed.

Keep out of reach of children.

### Potential Health Effects:

Inhalation: Excessive inhalation of vapors may cause irritation of the respiratory tract, nausea, dizziness and/or headache.

Skin Contact: Prolonged contact may cause irritation and/or dryness of skin.

Ingestion: Toxic if ingested.



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Toluene	108-88-3	N/D	100 ppm	100 ppm	N/A
Xylene	1330-20-7	N/D	100 ppm	100 ppm	N/A
Paraffin Hydrocarbon	8002-74-2	N/D	N/A	N/A	N/A
Aliphatic Hydrocarbon	64742-96-7	N/D	400 ppm	600 ppm	20,000 ppm
Propellant	68-476-86-8	N/D	600 ppm	750 ppm	N/A
Acetone	67-64-1	N/D	750 ppm	750 ppm	N/A

Comments: None

## 4. FIRST AID MEASURES

Inhalation: If affected by vapors, move to a well ventilated area immediately. If breathing is difficult seek physician help.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting, drink large quantities of water, and seek immediate physician care. Treat as a petroleum distillate ingestion.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes and seek physician help.

Additional Information: None

## 5. FIRE FIGHTING MEASURES

Flash Point: Ambient Temperature

Upper Flammable Limit (UEL): 13.0%

Lower Flammable Limit (LEL): 2.15%

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: Aerosol can may explode and release flammable propellant.

Hazardous Combustion Product: May produce irritating fumes in fire.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment.

NFPA Rating: (Flammability 3) (Health 2) (Reactivity 1)

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Isolate the area.

**Environmental Precautions:** Isolate the spilled area. Prevent additional further leakage or spillage, if safe to do so.

**Method for Cleanup & Containment:** Wear appropriate protective equipment and clothing during the clean-up. Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

**Additional Information:** Follow local and federal regulations with regard to chemical spills.

## **7. HANDLING AND STORAGE**

**Handling Procedure:** Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.

Wash hands thoroughly after handling the product.

**Storage Procedures:** Keep in a well-ventilated place, away from open flame, heat, reactive chemicals and/or other source of ignition.

Prevent electrostatic charge build-up by using common bonding and grounding techniques.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**Occupational Exposure Limits:**

**ACGIH Components:** Use ventilation adequate to maintain TLV.

**OSHA Components:** No

**Engineering Measures:** Use fan in confined area. Use local exhaust ventilation.

**Personal Protective Equipment (PPE):** Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.

**Hygiene Recommendations:** Use caution appropriate to Aerosols in use and storage. Keep away from open flame.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear red

**Physical State:** Liquid

**Vapor Pressure:** N/D

**Boiling Point:** 136°F

**Solubility (H2O):** Miscible in water

**Freezing Point:** N/D

**Odor:** Solvent aroma

**pH:** N/D

**Density:** N/D

**Vapor Density:** N/D

**Melting Point:** N/D

**Specific Gravity:** 0.81

**VOC:** 50.0%

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** Hot storage

**Incompatibility:** Oxidizing agents, chlorides, hypochlorites

**Hazardous Decomposition:** Carbon monoxide

**Hazardous Polymerization:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

**Acute Chronic Toxicity Data:** CNS effects includes headache, dizziness, nausea, and lightheadedness. Long term effects may include dermatitis.

**Skin and respiratory irritant.** Toxic if ingested. Direct contact with eyes will cause irritation and possible corneal damage.

**Carcinogenicity:** No component in this product is a carcinogenic.

**ATP:** No

**IARC Monographs:** No

**Chronic Toxicity:** Not established.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

## 13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations. As a non-hazardous liquid waste, it should be solidified with stabilizing absorbent material before disposal.

## 14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN Number: N/A

Marine Pollutant: N/D

Shipping Name: Flush Off

Required Label: Flammable

## 15. REGULATORY INFORMATION

Classification: Aerosol, Flammable, Irritant

Hazard Symbol: Exclamation Point, Gas Cylinder, Flame



### US Federal Regulations

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a combustible liquid, moderate skin irritant, moderate eye irritant and a skin sensitizer.  
SARA Title III-This product does not contain any chemicals component with known CAS number that exceed the threshold reporting levels establish by SARA Title III, section 313.

### State Regulations

California Prop. 65

This product does contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

### SDS History

Date Prepared: 03/28/2014

Revision Date: 02/10/2015

Contact Information: Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
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