

MSDS - Material Safety Data Sheet**Product Name: EZ-FLO Solution**

MSDS No.: ASP52A

I. Basic Information:**Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Country:** USA**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Emergency Restrictions:****Product Name:** EZ-FLO Solution**MSDS No.:** ASP52A**Issue Date:** 05/15/2012**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

Skin and eye irritant. May cause central nervous system effects. May cause kidney damage. May cause adverse reproductive effects following ingestion based on animal studies.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Harmful or fatal if swallowed.

Chronic: Skin drying and cracking

Signs and Symptoms:

Not Available

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory diseases

Other Health Warnings:

Not Available

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Ethylene glycol	107211	35-40	
Polyethylene glycol octylphenol ether	9002931	15-20	
Water (Distilled)	7732185	45-55	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

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Inhalation: Remove to fresh air. If breathing becomes difficult, give oxygen (To be administered by qualified medical personnel only!) If breathing stops, perform artificial respiration. Seek medical attention if symptoms persist.

Ingestion: If victim is conscious and alert, give large quantities of water. (Never give anything by mouth to an unconscious person!) Induce vomiting as directed by medical personnel. Lower the head so that the vomit will not re-enter the mouth and throat. Seek medical attention.

Skin: Wash with soap and water. If irritation occurs, seek medical attention.

Eyes: Rinse with plenty of water for 15 minutes and seek medical attention.

Notes to physician: Contains ethylene glycol. Due to rapid absorption of material, evacuation of the stomach is effective only if performed immediately after ingestion. Whenever possible, stomach evacuation should be accomplished by gastric lavage with appropriate airway control to prevent aspiration.

Note to Physicians:

Not Available

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Water spray, carbon dioxide, dry chemical, alcohol foam

Unsuitable Extinguishing Media:

Wear self-contained breathing apparatus and protective clothing.

Products of Combustion:

Not Available

Protection of Firefighters:

Wear normal turnout gear.

VI. Accidental Release Measures:

Personal Precautions:

Wear vapor respirator, safety goggles, and rubber gloves.

Environmental Precautions:

Prevent from entering sewers or waterways. May be harmful to some aquatic life.

Methods for Containment:

Dike if possible

Methods for Cleanup:

Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (vermiculite recommended; do not use flammable substances such as sawdust). Clean spill surface thoroughly to remove residual contamination.

Other Information:

Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Handling Precautions:

Keep in closed container. Avoid incompatible materials. Avoid ignition sources (heat, open flame, spark). Use only in well-ventilated areas. Avoid prolonged or repeated inhalation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling.

Storage Precautions:

Flammable

VIII. Exposure Controls/Personal Protection:

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Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Water (Distilled)	None	None	212 F
Ethylene glycol	50 ppm	50 ppm	Not Available
Polyethylene glycol octylphenol ether	NE	NE	Not Available

Engineering Controls:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator

IX. Physical and Chemical Properties:**Boiling Point:** ~212 F**Boiling Range:** Not Available**Solubility In Water:** Complete**Flash Point:** NE**Odor Threshold:** Not Available**Vapor Density (AIR = 1):** 0.6**pH Range:** Not Available**Decomposition Temp:** Not Available**Lower Explosive Limit:** NE**Specific Gravity (H2O = 1):** Not Available**Other Information:** Not Available**Melting Point:** ~32 F**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** NE**Flash Point Method:** Not Available**Appearance and Odor:** Colorless, odorless liquid**Vapor Pressure (mm Hg.):** 18**Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** NE**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

Not Available

Incompatible Materials:

Strong oxidizing agents, ignition sources (heat, open flame, spark)

Hazardous Decomposition Products:

Carbon monoxide & dioxide

Possibility of Hazardous Reactions:

Will not occur.

XI. Toxicological Information:

Harmful or fatal if swallowed. May cause central nervous system effects. May cause kidney damage. May cause adverse reproductive effects following ingestion based on animal studies.

XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

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XIII. Disposal Considerations:

Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (vermiculite recommended; do not use flammable substances such as sawdust). Clean spill surface thoroughly to remove residual contamination.

XIV. Transport Information:

Shipping Name: Not Applicable

DOT Hazard Class: Not Available

DOT Subsidiary Hazard Class: Not Available

UN/NA#: Not Available

Packing Group: Not Available

Transportation Information:

Keep in closed container. Avoid incompatible materials. Avoid ignition sources (heat, open flame, spark). Avoid prolonged or repeated inhalation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling.

XV. Regulatory Information:

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

XVI. Other Information:

- Chemical State:** Liquid Gas Solid
- Chemical Type:** Pure Mixture
- Hazard Category:**
- Acute Chronic Fire
- Pressure Reactive



Additional Manufacturer Warnings:

Using this product under normal, properly instructed procedures should not be hazardous.

1	Health
1	Flammability
0	Physical Hazard
G	Pers. Protection

Additional Product Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.