



EFF OFF

SECTION I: IDENTIFICATION

EZCHEM, Inc.
92 Don Westbrook Ave. N
Jasper, GA 30143

Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 706-253-5055

Product Name: Eff Off
Product Use: Concrete Surface Treatment

SECTION II: HAZARD IDENTIFICATION

Signal Word: DANGER

Hazard Classification:

Acute Toxicity, Oral, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Irritation, Category 1
Acute Toxicity, Inhalation, Category 4

Hazard Statements:

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H332 - Harmful if inhaled.

Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P362 - Take off contaminated clothing and wash before reuse.
P330 - Rinse mouth.
P501 - Dispose of contents/container to an approved waste disposal plant.

Hazard Pictograms:



SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Hydroxy Acetic Acid	79-14-1	24-28%



SECTION IV – FIRST AID MEASURES

General Information: Immediately remove any clothing soiled by the product and launder before reuse.

After inhalation: Remove to fresh air. If breathing is difficult, **Get Medical Help.**

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Flush with water for at least 15 minutes, lifting both eyelids. If irritation persists, **Get Medical Attention.**

After ingestion: Drink two glasses of water and **Get Immediate Medical Help.** Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects:

Acute: Ingestion, Eye Contact

Delayed: Skin

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None known

Fire Hazard: Non-Flammable

Explosion Hazard: None

Reactivity: Reacts with concrete.

Products of Combustion: NA

Special Hazards Arising from the Substance or Mixture: None known.

Special Remarks and Advice for Firefighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers with water spray.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment (See section VIII). Keep unprotected persons away.

Methods and material for containment and cleaning up:

Spill Response: Neutralize with soda ash or crushed lime, and flush to the drain.

Waste Disposal: Empty containers may be recycled or triple rinsed and disposed in landfill.

Environmental precautions: None. Biodegradeable.



SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Wash hands after using. Do not contaminate food or feed stuff.

Additional Hazards: Avoid contact with the eyes and skin. Eye wash should be in close proximity. Have water supply available.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Storage

Storage Conditions: Store in sealed original container.

Storage Area: Store in a cool, well-ventilated area away from heat and oxidizing agents.

Incompatible Products and Materials: Strong oxidizing agents, alkalies, bleach.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: NE

Appropriate Engineering Controls: General ventilation.

Personal Protective Equipment:



Hand: Protective Gloves - Wear gloves of adequate length to offer appropriate skin protection from splashes. Impermeable Rubber, PVC and neoprene gloves have been found to offer adequate protection for incidental contact.

Eye: Safety Glasses

Skin and Body: None required.

Respiratory: None required.

Additional Information: Use according to all label directions and precautions.



SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: Pale Yellow Odor: Odorless
pH-value:	2-3
Boiling Point/Boiling Range:	~230°F
Freezing Point:	NE
Flash Point:	NA
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	NE
Vapor Density:	> 1
Viscosity:	NA
Solubility:	Soluble
Evaporation Rate:	NE
Flammability:	Non-Flammable
Decomposition Temperature:	NE

SECTION X – REACTIVITY DATA

Conditions to be avoided: No decomposition if used according to specifications.

Incompatible materials: Neutralization occurs when product combines with strong alkalis.

Hazardous Decomposition Products: No dangerous decomposition products known.

Reactivity: Reacts with concrete.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if swallowed. Harmful if inhaled.

Likely Route of Exposure: Skin

Exposure Symptoms:

Eyes: Corrosive to eyes with possible corneal damage.

Skin: Irritation, discomfort and possible rash.

Inhalation: May cause irritation of mucous membranes and bronchial irritation.

Ingestion: May cause corrosion of mucous membranes with stomach discomfort, nausea and prostration.

Effects (Short-term, Long-term):

Immediate: Eye contact.

Delayed: Skin contact.

Chronic: NE

Carcinogenicity: No.

Sensitization: No sensitizing effects known.



SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: No.

Persistence and Degradability: Biodegradable.

Behavior in Environmental Systems: Biodegradable after 7 days.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

Other Adverse Effects: None known.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: Dispose of as non-hazardous waste.

Recommended Cleansing Agent: Water.

Additional Information: Refer to Section 8

SECTION XIV - TRANSPORT INFORMATION

UN-Number: Not Regulated

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

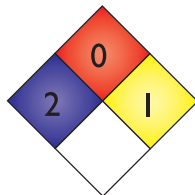
Environmental Hazards:

Additional Information:

Special Precautions for User:

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2
Fire: 0
Reactivity: 1

 **WARNING:** Cancer
- www.P65Warnings.ca.gov

SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2015

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. End of SDS.