



EZ SHIELD

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: EZ Shield
Product Use: Mixture

SECTION II: HAZARD IDENTIFICATION

Signal Word: WARNING

Hazard Classification:

Acute Toxicity, Oral, Category 4
Acute Toxicity, Dermal, Category 4
Serious Eye Damage/Irritation 2A

Hazard Statements:

H302 - Harmful if swallowed.
H312 - Harmful if in contact with skin.
H319 - Causes serious eye irritation.

Precautionary Statements:

P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
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.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 - Rinse mouth.
P362 - Take off contaminated clothing and wash before reuse.
P501 - Dispose of contents/container to an approved waste disposal plant.

Hazard Pictograms:



SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:
Potassium hydroxide

CAS No.
1310-58-3

Percentage %



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 difficulties continue, **Get Medical Help.**

After skin contact: Wash thoroughly with soap and water. Remove and launder contaminated clothing before reuse.

After eye contact: Immediately flush with water thoroughly for 15 minutes, lifting both eyelids. **Get Medical Help.**

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

Most Important Symptoms and Effects:

Acute: Ingestion

Delayed: Skin contact

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: Flammable

Explosion Hazard: None

Reactivity: Not reactive.

Products of Combustion: NA

Special Hazards Arising from the Substance or Mixture: Containers exposed to high temperatures may boil over and boil off toxic fumes. Containers exposed to high temperatures may boil over and boil off alcohol fumes.

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

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: Extinguish all open flames. Soak up on absorbent material and place in a sealable container.

Waste Disposal: Seal containers and dispose of in accordance with local and federal regulations.

Environmental precautions: None.



Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard (HCS), 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Wash hands after using. Do not contaminate food or feed stuffs. Avoid skin contact and all eye contact.

Additional Hazards: None known.

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 dry area.

Incompatible Products and Materials: Acids.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: NE

Appropriate Engineering Controls: General ventilation.

Personal Protective Equipment:



Hand: Protective Gloves

Eye: Safety Glasses

Skin and Body: None required.

Respiratory: None required.

Additional Information: None.



SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: Colorless Odor: Slight
pH-value:	12-13
Boiling Point/Boiling Range:	~100°C
Freezing Point:	NA
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: Temperatures about 120°F
Incompatible materials: Acids, strong oxidizing agents
Hazardous Decomposition Products: CO, organic vapors.
Reactivity: Not reactive.
Chemical Stability: Stable.
Possibility of Hazardous Reactions: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if swallowed. Harmful if in contact with skin.
Likely Route of Exposure:
Exposure Symptoms:
 Eyes: Blurred vision, serious damage.
 Skin: Irritation, drying, may cause burns.
 Inhalation: No hazard expected.
 Ingestion: Gastric upset and irritation, nausea, diarrhea.
Effects (Short-term, Long-term):
 Immediate: Eye contact.
 Delayed: Skin contact.
 Chronic: None known.
Carcinogenicity: No.
Sensitization: No sensitizing effects known.



SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: No.

Persistence and Degradability: No further relevant information available.

Behavior in Environmental Systems: No further relevant information available.

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: Detergent and water.

Additional Information: Refer to Section 8

SECTION XIV – TRANSPORT INFORMATION

UN-Number: Not Regulated

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

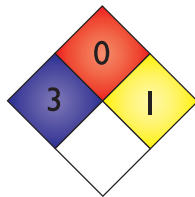
Environmental Hazards:

Additional Information:

Special Precautions for User:

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 3
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.