



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: CAUTION

Hazard Classification:

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard Statements:

Warning! This product contains a chemical known to the state of California to cause birth defects or other reproductive harm. May cause eye irritation. May cause respiratory irritation. May cause skin irritation, Harmful if swallowed.

Precautionary Statements: Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Ground/bond container and receiving equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Use only outdoors or in a well ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

If expose or concerned: Get medical advice/attention. IF ON SKIN (or hair): Take off all contaminated clothing immediately, rinse skin with water/shower. If skin irritation occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF SWALLOWED: Immediately call a poison control center/doctor. Do NOT induce vomiting. Take off contaminated clothing and wash before reuse. In case of fire, use "alcohol resistant" foam, dry chemical, halon or carbon dioxide to extinguish. Collect spillage. STORAGE: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. DISPOSAL: Dispose of contents/container in accordance with local/regional/national regulations. HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): This material releases ethanol upon hydrolysis. Ethanol (CAS No. 64-17-5) is an irritant to the eyes and mucous membranes. Overexposure has been shown to cause central nervous system depression. Direct contact with the eyes will cause burning and stinging.

Hazard Pictograms:



SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Name	CAS No.	Percentage %
Non-hazardous Ingredients	-	60-100%
Hazardous Components:		
Octyl Triethoxy Silane	35435-21-3	5-10%



SECTION IV – FIRST AID MEASURES

General Information: Move out of dangerous area. Consult a physician. Provide the Safety Data Sheet to the doctor in attendance. **After inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician. **After skin contact:** IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin with water/shower. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. **After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.** **After ingestion: Get Immediate Medical Help. Do NOT induce vomiting.** 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: Dr Chemical, Alcohol Resistant Foam, Halon or Carbon Dioxide.

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:

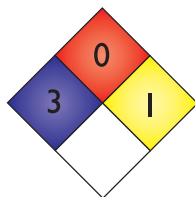
Environmental Hazards:

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.