



## HYDRATIQUE

### SECTION I: IDENTIFICATION

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

Emergency Telephone Number: 1-800-535-5053  
Telephone Number for Information: 770-479-1764

Product Name: Hydratique  
Product Use: Cementitious Mixture -Colorant

### SECTION II: HAZARD IDENTIFICATION

Signal Word: WARNING

**Hazard Classification:**

Skin Corrosion/Irritation, Category 2  
Serious Eye Damage/Irritation, Category 1

**Hazard Statements:**

H315 - Causes skin irritation.  
H318 - Causes serious eye damage.

**Precautionary Statements:**

P102 - Keep out of reach of children.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P284 - In case of inadequate ventilation, wear respiratory protection.  
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 - IF INHALED: Move person to fresh air and keep 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.  
P501 - Dispose of contents/container in accordance with applicable local/state/federal regulations.

**Additional Information:**

Product contains Portland Cement which when wet can irritate the skin and seriously damage the eyes.  
Product may contain titanium dioxide, which is considered to be a class 2B carcinogen.  
Carcinogenicity, STOT, Lungs, Inhalation, RE, H350, Category 1B.  
Product is not dangerous to the environment, upon water addition it will set to a hard mass that is not biodegradable.

**Hazard Pictograms:**



### SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Portland Cement	65997-15-1	30-60%
Flyash, Coal Combustion Residuals	68131-74-8	0-10%
Various Pigments, mixed metal oxides	Mixtures	0-10%
Respirable Fraction of Silica Dust	14808-60-7	<0.1%



## 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. If swallowed, do NOT induce vomiting.

**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:** Collect material in dry state if possible. Avoid generating dust. Recover product by vacuuming, shoveling or sweeping.

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

**Environmental precautions:** Avoid discharge into waterways, sewers and soil.



## 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 covered, dry, shaded area. Avoid all contact with water.

**Incompatible Products and Materials:**

## 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: Powder Color:Varies Odor: Odorless
pH-value:	10-12, N/A when dry
Boiling Point/Boiling Range:	N/A
Freezing Point:	N/A
Flash Point:	NA
Auto Igniting:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Viscosity:	N/A
Solubility:	Very Low
Evaporation Rate:	N/A
Flammability:	Non-Flammable
Decomposition Temperature:	N/A

## SECTION X – REACTIVITY DATA

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

**Incompatible materials:** Water causes setting. Strong acids can react with product.

**Hazardous Decomposition Products:** No dangerous decomposition products known.

**Reactivity:** When water is added, hardening occurs to make solid mass.

**Chemical Stability:** Product reacts rapidly with strong acids causing heat evolution.

**Possibility of Hazardous Reactions:** None known.

## SECTION XI – TOXICOLOGICAL INFORMATION

**Acute toxicity:** Not classified as an acutely toxic material.

**Likely Route of Exposure:**

**Exposure Symptoms:**

**Eyes:** Wet product can cause serious eye damage.

**Skin:** Wet product can cause serious skin irritation.

**Inhalation:**

**Ingestion:**

**Effects (Short-term, Long-term):**

**Immediate:**

**Delayed:**

**Chronic:** NE

**Carcinogenicity:** N/A

**Sensitization:** No sensitizing effects known.



## SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: No.

**Persistence and Degradability:** This product reacts with water to form a solid mass that is not degradable.

**Behavior in Environmental Systems:**

**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:

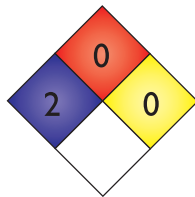
Environmental Hazards:

Additional Information:

Special Precautions for User:

## SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2  
Fire: 0  
Reactivity: 0

## SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2015

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