

# I MATERIAL SAFETY DATA SHEET

(Design to comply with OSHA's 29CFR 1910.1200 Standards)

**PRODUCT NAME:** "ANTI-HYDRO"<sup>®</sup>

**GENERIC NAME:** Cement Admixture (Aqueous Solution/  
several materials)

**PACKAGING:** ¼, 1, 5, 30 or 55 gallon container

**DOT CLASSIFICATION** (49 CFR 173): Not Regulated

**SHIPPING NAME:** Cement Waterproofing Compound

**HMIS RATINGS:** Health-1, Flammability-0, Reactivity-0, Protection- See VI (0=Minimal, 1=Slight, 2=Moderate, 3=Serious 4=Severe)

**WHMIS Classification** (Canada): **D2B** - eye or skin irritant.

 **ANTI-HYDRO INTERNATIONAL, INC.**

45 River Road, Flemington, New Jersey 08822

**PHONE** (for information): 1-800-777-1773

**EMERGENCY PHONE NUMBERS:**

1-800-424-9300 (CHEMTREC)

**DATE ISSUED:** January, 2005

**PAGE:** 1 of 2

**CAS/UN Number:** Mixture, Non-Hazardous

## II INGREDIENTS

DESCRIPTION	CAS #	OSHA Threshold Limit	ACGIH Threshold Limit	WT% (Optional)
P. "Anti-Hydro" <sup>®</sup>	TSRN 223176085-ATH*	No Data (SEE SECTION III)	No Data (SEE SECTION III)	100

\* Trade Secret Registration Numbers (TSRNs) for this product is registered with the Right To Know Program (Trade Secret Provisions), New Jersey Dept. of Health.

## III HEALTH HAZARDS / ROUTES OF ENTRY

**CAUTION:** Product contains CaCl<sub>2</sub>.

**EYE CONTACT:**

May irritate or burn eyes.

**SKIN CONTACT:**

May cause skin irritation.

**INHALATION (BREATHING):**

Unlikely due to physical properties. Mist inhalation may cause irritation to upper respiratory tract.

**INGESTION:**

Small amounts are not likely to cause injury. Large amounts may cause gastrointestinal irritation.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Prolonged or repeated exposure may cause skin irritation, even burn (more severe response if skin is abraded or broken skin). Heated material may cause severe skin and corneal injury and thermal burns. Swallowing larger amount than incidental to normal handling operations may cause gastrointestinal irritation or ulceration. Preclude from exposure those individuals having history of respiratory illness, asthmatic conditions and pre-existing eye or skin damages or disorders.

**UNUSUAL CHRONIC TOXICITY:** None

**ECOTOXICOLOGY:** Practically non-toxic to aquatic organism on acute basis.

## IV EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:**

Promptly flush eye(s) with plenty of clean, cool water for at least 15 minutes. If necessary get medical attention.

**SKIN CONTACT:**

Wash exposed skin with plenty of running water, if necessary remove clothing. If necessary get medical attention.

**INHALATION (BREATHING):**

If vapor or spray mist inhaled, remove to fresh air and get medical attention.

**INGESTION (SWALLOWING):**

Do not induce vomiting, give large amount of water or milk if available and get medical attention. Never give anything by mouth to an unconscious person.

## V IDENTIFICATION AND PHYSICAL DATA

**SPECIFIC GRAVITY(H<sub>2</sub>O=1):** Approx.1.22

**pH:** Neutral or slightly alkaline

**EVAPORATION RATE (Ether=1):** N/A

**VAPOR DENSITY (Air=1):** N/A, water vapor only.

**APPEARANCE/ODOR:** Slightly turbid, pinkish Liquid/Odorless

**VOC Content:** 0%

**BOILING POINT:** Approx. 216° F (102° C)

**VAPOR PRESSURE (mm Hg.):** N/A

**SOLUBILITY IN WATER:** Complete

---

# MATERIAL SAFETY DATA SHEET

 ANTI-HYDRO INTERNATIONAL, INC.

PRODUCT NAME: "ANTI-HYDRO®"

DATE ISSUED: January, 2005

PAGE: 2 of 2

---

## VI SPECIAL PROTECTIONS, CONTROLS AND STORAGE

---

### RESPIRATORY PROTECTION:

In misty conditions, wear approved mist respirator (should not contain any corrodible material).

### EYE PROTECTION:

Wear tightly fitted chemical/safety goggles. Do not wear contact lenses.

### HAND, ARMS, AND BODY PROTECTION:

Wear rubber gloves, long-sleeve shirt and trousers, work boots and apron.

### VENTILATION:

Use local/Mechanical exhaust for misty conditions.

### OTHER PROTECTIVE MEASURES:

Safety shower and eye wash station. Avoid skin and eye(s) contacts. KEEP AWAY FROM CHILDREN, animals and edible items. Avoid contacts with incompatible materials.

### STORAGE PRECAUTIONS:

Keep containers tightly closed and protect from weather. KEEP AWAY FROM CHILDREN, animals and edible items.

---

## VII REACTIVITY DATA

---

**STABILITY:** Stable. Hygroscopic.

**CONDITION TO AVOID:** Incompatible materials and high temperatures.

**MATERIALS TO AVOID:** Water-reactive materials, such as sodium; zinc as in galvanized iron; metals such as brass, aluminum or ferrous metals, acids such as sulfuric acid; methyl vinyl ether; boron trifluoride and calcium oxide.

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITION TO AVOID:** Incompatible materials and high temperatures.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Chloride fumes at temperatures above 1600°C.

---

## VIII FIRE AND EXPLOSION HAZARD DATA

---

**FLASH POINT:** Not Flammable

**AUTO IGNITION TEMPERATURE:** N/A

**FLAMMABLE LIMITS (in Air % by Vol):** LEL (Lower): N/A

UEL (Upper): N/A

### EXTINGUISHING MEDIA:

Product is not combustible or flammable. Use those extinguishing media suggested for the surrounding fire.

### UNUSUAL FIRE & EXPLOSION HAZARDS:

Zinc as in galvanized iron: yields hydrogen gas, which may explode.

### SPECIAL FIRE FIGHTING PROCEDURES:

Product is not combustible or flammable. Use special fire fighting procedures suggested for the surrounding fire.

---

## IX SPILL OR LEAK PROCEDURES

CALL CEMTREC AT (800) 424-9300 IN CONT. U.S.A.

---

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED\*:

Remove unnecessary personnel from the area. Wear protective equipment and clothing (SEE SECTIONS III & VI).

Protect any waterway, edible items and animals. Avoid contact with incompatible materials. Contain **small spills** and absorb with commercial absorbents or sand. Dike **large spills** with commercial absorbents, sand, etc.

Transfer absorbed material into properly labeled, suitable open waste containers. Cautiously spray residue with plenty of water, collect by mopping and transfer in to the waste containers. KEEP AWAY FROM CHILDREN.

### WASTE DISPOSAL METHOD:

Dispose off in accordance with local, state and federal government regulations.

---

**DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. However Anti-Hydro International, Inc. does not assume liability whatsoever for the accuracy or completeness of information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health/fire hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. This disclaimer may not be detached from this MSDS. Any copying and redistribution of this MSDS shall also include copying and redistribution of this disclaimer.