



**ALC® Acid Post Wash**  
May 20, 2015

# SAFETY DATA

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:**  
**PRODUCT ID:**  
**PRODUCT USE:**

**EMERGENCY:** ALC Acid Post Wash  
3106X  
Cleaning compound  
CALL CHEMTREC 1-800-424-9300 **MANUFACTURER:** National Chemicals, Inc.  
PO Box 506, Lewiston, MN 55952  
800-533-0027 or 507-454-5640  
info@NationalChemicals.com

## SECTION 2 HAZARDS IDENTIFICATION

### GHS CLASSIFICATION:

**Health**

Acute Toxicity, oral:  
Skin Corrosion/Irritation:

Eye Irritation: Category 4  
Category 1C  
Category 1

**Environmental**

Chronic Toxicity: Category 3

**Physical**

### Hazard Symbols:

Acute Toxicity, oral  
Skin Corrosion  
Eye Irritation

**Signal Word:**

**DANGER**

### Hazard Statements

H302: Harmful if swallowed  
H314: Causes severe skin burns and eye damage  
H402: Harmful to aquatic life

### Precautionary Statements

P102: Keep out of reach of children  
P260: Do not breathe mist, vapors or spray  
P264: Wash thoroughly after handling  
P270: Do not eat, drink, or smoke when using this product  
P274: Avoid release to the environment  
P280: Wear gloves and eye protection

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Hydrogen Chloride	7647-01-0	20-30%
Phosphoric Acid	7664-38-2	≤ 10%
Sulfamic Acid	5329-14-6	≤ 10%

*Other ingredients are judged to be non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.*

## SECTION 4 FIRST AID MEASURES

If in Eyes:

If on Skin (or hair):

If Inhaled:

**If Swallowed:** Immediately call Poison Center or doctor. Rinse cautiously with for several minutes. Remove contact lenses, if present. Continue rinsing.  
Immediately call Poison Center or doctor. Immediately take off contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.  
Call Poison Center or doctor. Remove person to fresh air and keep comfortable for breathing.  
Immediately call Poison Control or doctor. Rinse mouth. Do NOT induce vomiting.

## SECTION 5 FIREFIGHTING MEASURES

**Flammable Properties:**  
**Suitable Extinguishing Media:**  
**Protection for Firefighters:**

**Fire and Explosion Hazards:** Not Flammable  
Use extinguishing agents suitable for surrounding fire.  
Wear self-contained breathing apparatus and full protective gear, as with any fire.  
May release toxic gases. Avoid inhalation of material or combustion by-products.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**  
**Environmental Precautions:**

**Methods For Cleaning Up:** Ventilate area. Use personal protective equipment. Contain spill with dikes, sandbags, etc.  
Do not flush to sewer. This material is acidic and may lower the pH of the surface waters.  
Contain with non-combustible, absorbent material (sand, earth, vermiculite, etc.) and place in container for disposal. Flush remaining material with plenty of water.

## SECTION 7 HANDLING AND STORAGE

**Handling :**

**Storage:** Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.  
Keep container tightly closed and properly labeled. Store in a cool, dry place. Do not freeze. Do not store in aluminum container or use aluminum fittings or transfer lines. Keep separate from alkalis.

## SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

**Eye Protection:** Wear chemical safety goggles or a full face shield while handling this product. Provide an emergency eye wash station and quick drench shower in the immediate work area.  
**Skin Protection:** Use neoprene gloves. Always place pant legs over boots. Thoroughly clean and dry contaminated clothing before reuse.  
**Respiratory:** Provide local exhaust ventilation where vapor or mist may be generated.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Water Solubility:** Clear, Amber Liquid  
Odorless  
Soluble

Acidic in Solution  
Greater than 212 °F (100 °C)  
Less than 32 °F (0 °C)

**Appearance:**  
**Odor:**

**pH:**  
**Boiling Point:**  
**Freezing Point:**

## SECTION 10 STABILITY AND REACTIVITY

**Stability:**  
**Decomposition:**  
**Incompatible Materials:**

Stable at normal temperatures and pressure.  
Thermal decomposition products or combustion: hydrogen chloride or phosphorus oxides.  
Soft metals (i.e. aluminum, zinc) and strong alkalis (i.e. sodium hydroxide, mercuric sulfate, perchloric acid).

## SECTION 11 TOXICOLOGICAL INFORMATION

**Likely Routes Of Exposure:**  
**Acute Systems And Effects:**

**Eye Contact:**  
**Skin Contact:**  
**Ingestion:**

**Chronic Effects:** Eye and skin contact.  
The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions.  
After exposure there may be a time delay before irritation and other effects occur  
Exposure may cause severe burns and permanent damage to eyes.  
Exposure may cause severe burns and permanent tissue damage.  
Ingestion may cause internal burns and tissue damage.  
None known

## SECTION 12 ECOLOGICAL INFORMATION

**Biodegradation:**

**Eco-toxicity:** This material is inorganic and not subject to biodegradation.  
This material is believed to be toxic to aquatic life.

## SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

## SECTION 14 TRANSPORT INFORMATION (For 1 gallon containers and greater)

**Proper Shipping Name:**  
**Hazard Class:**  
**Identification Number:**  
**Packing Group:**

**Label Required:** Corrosive Liquid, Acidic, Inorganic, Hydrochloric Acid, Phosphoric Acid, N.O.S.

8  
UN3264  
II  
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*\*Containers smaller than 1 gallon are not classified as hazardous according to Department of Transportation.*

## SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status:  
SARA TITLE III,  
SECTIONS 311/312:

**SARA TITLE 313:** All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.

ACUTE: Yes    CHRONIC: No    FIRE: No    REACTIVE: No    SUDDEN RELEASE: No  
Not regulated

## SECTION 16 OTHER INFORMATION

Training Necessary:  
Issue Date:

**Supersedes:**    Yes, training in practices and procedures contained in product literature or on product label  
May 20, 2015  
June 24, 2010

*This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.*