

SAFETY DATA SHEET

Burns Chemical Services
205 West Drive, Greensburg, PA 15601
724-853-8877

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **HYDRO POWER**
Product Description: A machine dishwashing concentrate.

24 Hour Emergency Number: 877-465-4615
SDS Number: 201406

2. HAZARDS IDENTIFICATION ***EMERGENCY OVERVIEW***

Corrosive - Category 1
Toxicity - Category 4

Danger



Hazard Statements

H314 Causes severe skin burns and eye damage.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H290 May be corrosive to metals

Precautionary Statements:

P260 Avoid breathing fume.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves, protective clothing, and eye protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Sodium Hydroxide	1310-73-2	< 19%	2 mg/m3	2 mg/m3
Methyl Glycine Diacetic Acid, trisodium salt	164462-16-2	< 15%	NE	NE
Polyacrylic Acid	mixture	< 8.0%	NE	NE

4. FIRST AID MEASURES

P390 Absorb spillage to prevent material damage.
P312 Call a POISON CENTER or physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P312+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse SKIN with water.
P301+P312+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or physician IF you feel unwell. P363 Wash contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Flashpoint: None to boiling point.
Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA
Flammable Properties: Toxic fumes may evolve on burning.
Extinguishing Media: Carbon Dioxide, water, dry chemical, foam.
Fire Fighting Instructions: Wear a self-contained breathing apparatus with full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Neutralize the spill by flushing with plenty of water. Absorb the liquid on oil absorbent, sand or vermiculite. Flush any residues with plenty of water to drain. Do not reuse empty containers. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal. Product as supplied is a D002 unspecified corrosive waste (pH > 12.5).

7. HANDLING AND STORAGE

Handling: This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Empty product containers may contain product residue. Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Do not mix with any other chemicals. Do not reuse empty containers.
Storage: Keep out of reach of children. Keep containers closed when not in use. Store in a well-ventilated, cool, dry area.
P405 Store locked up.
P406 Store in corrosive resistant container with a resistant inner liner.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation to keep exposure levels below exposure limits. Personal
Protective Equipment:
Respiratory: If workplace exposure limit is exceeded, a NIOSH/MSHA approved air supply respirator is advised in the absence of environmental control.

Eye: Wear safety glasses or goggles with unperforated sideshields or full-face shield.
Skin: Wear chemically impervious gloves such as Neoprene or Nitrile. Wear long sleeves and long pants. Wear chemically resistant apron and boots.
Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red. Odor: None.
Physical State: Liquid pH: 14.58 +/- 0.5
Solubility in Water: Complete Specific Gravity: 1.314 +/- 0.005
Boiling Point: > 212°F VOC Content: 0%

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Excessive heat.
Incompatibility: Acids, acid cleaning compounds. Avoid prolonged contact with Aluminum. Avoid contact with Copper, Bronze, Tin, Zinc, Chrome and alloys containing these metals.

Hazardous Decomposition Products: Burning can produce chlorine gas.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Sodium Hydroxide	1310-73-2	200 mg/kg (oral rat)	No data available
Methyl Glycine Diaacetic Acid	1664462016-2	No data available	No data available
Polyacrylic Acid	Mixture	NE	NE

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Do not reuse empty containers. Flush thoroughly with water, crush or perforate and discard; or give triple rinsed drums to a drum re-conditioner for recycling. Dispose of in accordance with the Federal, State, and Local Regulations regarding pollution and waste disposal. Product as supplied would be classified as a D002 unspecified corrosive waste. Measure pH of wastewater to be sure pH is below 12.5 before flushing to drain.
P501 Dispose of container to in accordance with all Federal, State and Local Regulations regarding waste disposal.

14. TRANSPORT INFORMATION

DOT Shipping Data: Corrosive Liquids, N.O.S (Potassium Hydroxide, Sodium Hypochlorite), 8, UN1760, II
Canadian TDG: Not available for sale in Canada.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL.
Proposition 65: This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
SARA 313: This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).
HMIS RATING: HEALTH = 3 FLAMMABILITY = 0 REACTIVITY = 0 PPE = D
WHMIS RATING: Not available for sale in Canada.

16. OTHER INFORMATION

NA = Not Available or Not Applicable
NE = Not Established
Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

