



# MATERIAL SAFETY DATA SHEET

## Tri-Pow'r HD

### I - PRODUCT IDENTIFICATION

**Company Name:** Nu-Calgon Wholesaler, Inc.  
**Address:** 2008 Altom Court, St. Louis, MO 63146-4151  
**Product Name:** Tri-Pow'r HD  
**Synonyms:** Coil Cleaner

**Tel No:** (314) 469-7000, (800) 554-5499  
**CHEMTREC:** (800) 424-9300  
**Product Number:** 4371-88

### II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
Sodium Metasilicate	6834-92-0	<5%	N/A	N/A

VOC Content: 0.10% By Wt.

All ingredients are TSCA listed.

### III - PHYSICAL DATA

<b>Vapor Pressure:</b> N/A	<b>Vapor Density (Air=1) 60-90° F:</b> N/A
<b>Evaporation Rate:</b> N/A	<b>VOC Content (% by wt.): @ 105 ° C:</b> 90-91%
<b>Solubility in H<sub>2</sub>O:</b> complete	<b>pH @ 1.0 Solution:</b> 10.5
<b>Freezing Point °F:</b> 32 ° F	<b>pH as Distributed:</b> 13
<b>Boiling Point °F:</b> 212 ° F	<b>Appearance:</b> Clear, amber liquid
<b>Specific Gravity H<sub>2</sub>O=1 @25° C:</b> 1.05	<b>Odor:</b> Pleasant chemical fragrance

### IV - FIRE AND EXPLOSION

**Flash Point F:** None to boiling **Flammable Limits:** N/A  
**Extinguishing Media:** Suitable for surrounding area - water, dry chemical, foam CO<sub>2</sub>.  
**Special Fire Fighting Procedures:** N/A  
**Unusual Fire and Explosion Hazards:** N/A

### V - REACTIVITY DATA

**Stability - Conditions to avoid:** Stable - None  
**Incompatibility:** None known  
**Hazardous Decomposition Products:** Forced ignition of dried residues may produce CO, CO<sub>2</sub>, nitrogen oxides.  
**Conditions Contributing to Hazardous Polymerizations:** Will not occur

### VI - HEALTH HAZARD DATA

**EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),**  
**A. ACUTE (Primary Route of Exposure) EYES:** Detergent in the product is irritating to the eyes. **SKIN:** Product is not a primary skin irritant by FHSA. Prolonged and repeated contact may cause irritation as indicated by pH in product. **INHALATION:** Mists or spray can irritate nasal passages. **INGESTION:** Acute oral LD50 (rats) >5000 mg/kg. Ingestion of large quantities causes upset to the stomach.  
**B. SUBCHRONIC, CHRONIC, OTHER:** No available information was found  
**C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:**

### VII - EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Remove source fo irritation  
**EYES:** Flush eyes with flowing water for 15 minutes, call a physician.  
**SKIN:** Rinse affected area thoroughly with flowing water.  
**INGESTION:** Give large quantities of water or milk followed by vinegar or lemon juice and immediately contact a physician.

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## VIII - SPILL OR LEAK PROCEDURE

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**Spill Management:** Small spills may be mopped up and residues flushed to the sewer with water. Rinse mop before storing. May be neutralized with dilute acetic acid.

**Waste Disposal Methods:** Dispose spent solutions in accordance with local, regulations.

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## IX - PROTECTION INFORMATION/CONTROL MEASURES

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**Respiratory:** Avoid breathing mists or spray.

**Eye Protection:** Goggles or face shield **Glove:** for manual cleaning

**Other Clothing and Equipment:** Not normally required

**Ventilation:** Normal room ventilation.

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## X - SPECIAL PRECAUTIONS

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**Precautions to be taken in Handling and Storing:** This product will withstand an occasional accidental freezing without loss in its normal performance characteristics. It must be thoroughly thawed and agitated (roll drum) before being used. Store in heated area below 135°F.

**Additional Information:** Read and observe labeled use instructions.

### NFPA

Health Hazard.....: 1

Fire Hazard.....: 0

Reactivity.....: 0

Specific Hazard....:

### HMIS RATING

Health Hazard.....: 1

Fire Hazard.....: 0

Reactivity.....: 0

Personal Protection...: X (Sec. 9)

**Revision Date:** 09/16/2003

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