

# H.Q. POWER

## HEAVY DUTY INDUSTRIAL GRADE CLEANER/ DEGREASER

### DESIGN FEATURES:

- Emulsifies Greasy Oily Soils and Prevents Redeposition
- Low Foaming — For Use In Automatics  
Economical — Highly Concentrated for Low Dilution Cost
- Balanced Alkaline Builder Blends — Contains Soil Digesters, Water Conditioners and Rust Inhibitors
- USDA Authorized

H.Q. POWER is a highly concentrated, heavy duty, nonbutyl industrial grade cleaner/degreaser. It is specially formulated for use in mechanical cleaning devices, floor scrubbers, pressure washers, dip tanks, and mopping equipment. Exclusive Patented Positive Emulsion features hold oily, greasy soil in suspension, preventing soil redeposition during the cleaning process.

For Use In: Industrial Plants, Automotive Factories, Machine Shops, Food Processing and Packaging Plants, Garages and Service Stations.

### DIRECTIONS FOR USE:

**Mechanical Cleaning Devices:** Pressure washers, steam cleaners, follow manufacturer's recommended dilutions.

### Dilution Rates of Other Cleaning Equipment:

**Heavy Soil:** 6-24 ounces to 1 gallon of water

**Medium Soil:** 4-6 ounces to 1 gallon of water

**Light Soil:** 1-3 ounces to 1 gallon of water

*See product label for additional directions for use.*

### SPECIFICATIONS:

**Physical Form:** Liquid

**Color:** Clear

**Odor:** None

**pH(conc./1% sol'n):**  
13.3/11.8

**Density (lb/gal):** 8.98

**Flash Point (tag closed cup):**  
None

**Stability (32° - 120° F):** OK

**Viscosity (23° C):** <2cp

**Biodegradable:** Yes

**Phosphorus:** None

**Solvent:** None

**Surface Use Restrictions:** See product label

**Refractive Index (20° C):**  
1.354min.

AVAILABLE IN  
1'S, 5'S AND 55-GALLON  
CONTAINERS

Distributed by:

### H.Q. PRODUCTS

Walnut, IL 61376

(815) 379-2861

Fax (815) 379-9268

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor <b>H. Q. PRODUCTS</b>	Emergency Phone <b>(815)379-2861</b>
Address <b>P. O. Box 254, Rt. 92, Walnut, IL. 61376</b>	
Trade Name <b>H. Q. POWER</b>	Product Type <b>Industrial Cleaner/Degreaser</b>

## SECTION 2 - INGREDIENTS

CHEMICAL NAME/Common Name	CAS NO.	PERCENT(optional)	TLV(Source)
Sodium Hydroxide	1310-73-2		2 Mg/M3 (ACGIH)
Silicic Acid - Sodium Salt	1344-09-8		2Mg/M3 (as NaOH)

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances.

## SECTION 3 - PHYSICAL DATA

Boiling point (°F.) <b>212°F</b>	Specific Gravity (H <sub>2</sub> O=1.0) <b>1.076 ± 0.005</b>	pH <b>13.2 ± 0.5</b>	
Vapor Pressure (mm Hg) <b>Not Determined</b>	Vapor Density (Air=1) <b>Not Determined</b>		
Solubility in water <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs. H <sub>2</sub> O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Appearance and Odor <b>Clear, colorless liquid with no distinct odor.</b>		

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits <b>N/A</b>	Upper <b>Lower</b>	
Extinguishing Media <b>Product is non-combustible. Water Spray (Fog), Dry Chemical; CO<sub>2</sub>; or Foam may be used where product is stored.</b>			
Special Firefighting Procedures <b>Do not enter confined fire-spaces without protective clothing and self-contained air supply.</b>			
Unusual Fire and Explosion Hazards <b>None</b>			

## SECTION 5 - REACTIVITY DATA

Stability <b>Stable</b>	Incompatibility <b>Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).</b>
Hazardous Decomposition Products <b>Burning may produce carbon monoxide and/or carbon dioxide.</b>	

## SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other	
Signs and Symptoms of Overexposure (Acute) <b>Corrosive material. Will cause burns of skin and eyes with prolonged contact. Eye damage likely if contact is prolonged. Generated mists may be severely irritating and cause damage to respiratory tract if swallowed. Harmful or fatal if swallowed.</b>	
Signs and Symptoms of Overexposure (Chronic) <b>Repeated skin contact may result in development of a cumulative dermatitis.</b>	
Medical Conditions Aggravated by Overexposure <b>An existing dermatitis.</b>	
Carcinogen or Suspect Carcinogen Ingredients <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE	

## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	<b>Flush eyes with water for at least 15 minutes and call a physician immediately.</b>
Skin	<b>Wash affected areas with large amounts of soap and water. If irritation persists call physician.</b>
Ingestion	<b>Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.</b>
Inhalation	<b>Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.</b>

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection <b>Not required under normal use conditions. Avoid misting conditions.</b>	
Ventilation Requirements <b>N/A</b> <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection <b>Safety Glasses/Goggles</b>
Protective Gloves <b>Rubber/PVC</b>	Other Protective Clothing <b>Work clothing covering arms and legs as required to minimize contact. Eye bath and safety shower.</b>

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	<b>Safely stop spill at source. Contain spill by diking with soil or other inert material and CAREFULLY neutralize with dilute acid. Mop, pump or absorb with inert material and reclaim into sound containers for proper disposal.</b>
Waste Disposal Methods	<b>Dispose of in an approved waste facility according to Federal, State and local regulations.</b>

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	<b>WARNING: Corrosive liquid. Handle all containers carefully.</b>
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

DATE PREPARED: 11/21/91

HMIS  
HAZARD  
RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST  
1 - SLIGHT  
2 - MODERATE  
3 - HIGH  
4 - EXTREME