

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Name:**  
Heavy Duty Powdered Cleaner Concentrate  
**Manufacturer's Name:**

**Address:**

**Telephone Number:**

**Emergency Telephone Number: INFOTRAC (800) 535-5053**

## SECTION 2 - HAZARD(S) IDENTIFICATION

**Emergency Overview: WARNING.** Irritating to skin and eyes.  
**Inhalation (respiratory tract):** Irritating - Dust  
**Ingestion (gastrointestinal tract):** Irritating to mouth and throat.  
**Chronic (Cancer) Effects:** Components of material do not cause cancer.  
**Teratology (Birth defect) Information:** Components do not cause birth defects.



## SECTION 3 - COMPOSITION

Chemical Name:	CAS No.:	PEL:	TLV:	Wt %:
Soda ash	497-19-8	None	None	35-40%
Sodium Metasilicate - pentahydrate	6834-92-0	None	None	45-50%
Proprietary Surfactant Blend	BLEND	None	None	5-10%

\*\* These chemicals are subject to the reporting requirements of SARA TITLE III

## SECTION 4 - FIRST AID MEASURES

**Eyes:** Flush immediately with running water for fifteen minutes. See a physician.  
**Skin:** Flush with water. See a physician if necessary.  
**Inhalation (respiratory tract):** Remove to fresh air. See a physician if necessary.  
**Ingestion (gastrointestinal tract):** Dilute stomach contents with water, if conscious. See a physician.

## SECTION 5 - FIRE FIGHTING MEASURES

**Autoignition Temperature:** None.  
**Extinguishing Media:** None. Material will not burn.  
**Special Fire Fighting Procedures:** None.  
**Unusual Fire and Explosion Hazards:** None.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Action to Take for Spills and Leaks:** Small spills should be mopped up. Large spills should be diked with inert absorbent. Material may be pumped back into container or neutralized for disposal. See also Section 7.

## SECTION 7 - HANDLING AND STORAGE

**Handling:** Avoid contact with eyes. Avoid prolonged contact with skin. Do not ingest. Keep out of reach of children.  
**Storage:** Store product in ambient temperature. Avoid freezing or high heat.

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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Personal Protective Equipment:** **Eye Protection:** Safety glasses. **Skin Protection:** Rubber or neoprene gloves.  
**Other Protective Clothing or Equipment:** None.  
**Respiratory Protection:** Not normally required. If needed, such as in enclosed areas, use NIOSH approved mask or respirator to keep concentration of components below their TLV's.  
**Ventilation:** Normal room air circulation.

For exposure control levels such as Threshold Limit Values (TLV's) please refer to Section 2.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance &amp; Odor:</b> White powder, citrus odor,	<b>Odor Threshold:</b> N/A
<b>Vapor Pressure:</b> ND	<b>Vapor Density:</b> N/A
<b>Evaporation Rate (Bu0ac=1):</b> N/A	<b>Boiling Point:</b> N/A
<b>Solubility in Water:</b> 10%	<b>Specific Gravity:</b> N/A
<b>Melting / Freezing Point:</b> N/A	<b>pH:</b> 12.0 (1% solution)
<b>Flash Point:</b> > 200° F nonflammable	<b>Upper/lower flammable limits:</b> UEL: N/A LEL: N/A
<b>Auto-ignition temperature:</b> N/A	<b>Decomposition temperature:</b> N/A
<b>Partition coefficient: n-octanol/water:</b> N/A	<b>Viscosity:</b> N/A

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## SECTION 10 - STABILITY AND REACTIVITY

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**Chemical Stability:** Stable. **Reactivity:** Not reactive.  
**Conditions to Avoid:** Avoid extremes in temperature.  
**Incompatibility (Materials to avoid):** Strong oxidizers, acids, or alkali.  
**Hazardous Decomposition of Byproducts:** None.  
**Hazardous Polymerization:** Will not occur.

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## SECTION 11 - TOXICOLOGY INFORMATION

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To obtain toxicity data (e.g., LD50, LC50) for the ingredients listed in Section 2, please phone Technical Services at (513) 752-0600.

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## SECTION 12 - ECOLOGICAL INFORMATION

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5114 HD Detergent Conc. is fully biodegradable. Low concentrations may be harmful to fish and other aquatic organisms.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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**Disposal Method:** Dispose of in accordance with all applicable local, state, county, and federal laws.

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## SECTION 14 - TRANSPORT INFORMATION

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**Shipping Name:** Compound cleaning powder – not regulated.  
**Hazard Class:** None **ID No.:** N/A **Packing Group:** N/A

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## SECTION 15 - REGULATORY INFORMATION

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All ingredients in 5114 HD are listed on the TSCA inventory.  
This product contains no OSHA, NTP or IARC listed carcinogens.

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## SECTION 16 - OTHER INFORMATION

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<b>Health: 1</b> 0= no appreciable health hazard 1= skin irritant 2= hazardous ingredients <75% 3= hazardous ingredients >75%	<b>HMIS RATING:</b> <b>Flammability: 0</b> 0= flash point >200 F 1= 200 > flash point > 140 2= 140 > flash point > 100 3= flash point <= 100 F	<b>Reactivity: 0</b> 0-3 assigned on basis of reactivity of individual ingredients
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The data in this material safety data sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical data we believe is reliable. Because actual conditions of use are outside our control, no warranties, expressed or implied, are made and we assume no liability in connection with any use of this information.

Every effort has been made to accurately assess the possible hazards associated with this product. We believe that the actual hazards encountered using our products are less severe than those represented by the concentrated raw materials used to make them.

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