

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Hydroforce® Stainless Steel Cleaner and Polish (bulk)

**Product Number (s):** 14425, 14426

**Manufactured By:** CRC Industries, Inc. (215) 674-4300

885 Louis Drive, Warminster, PA 18974

24-Hour Emergency Information: CHEMTREC (800) 424-9300

## Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Petroleum Distillate	64742-47-8	400 ppm	400 ppm	NA	20-30
White Oil	8042-47-5	5 mg/m3	5 mg/m3	(mist)	1-20
Ethoxylated sorbitan ester	9005-70-3	NA	NA	NA	1-5
Polyethylene Glycol Dioleate	9005-07-06	NA	NA	NA	1-5
Water	7732-18-5	NA	NA	NA	45-55
Diocetyl Sodium Sulfosuccinate	64741-65-7	NA	NA	NA	1-5
Monoethanolamine	141-43-5	7.5 mg/m3	8 mg/m3	NA	<1

## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Milky white liquid, slight petroleum odor.

### Potential Health Effects:

Inhalation: NA  
Eyes: May irritate eyes.  
Skin: May irritate skin.  
Ingestion: Gastrointestinal distress.

Carcinogenicity: OSHA:No IARC: No NTP: No

Chronic Overexposure: None identified

Medical Conditions Aggravated by Exposure: None identified

## Section 4: First Aid Measures

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary.

**Eyes:** Flush with large amounts of water for 15 minutes.

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**Skin:** Remove contaminated clothing and wash area with soap and water.

**Ingestion:** Induce vomiting on the advice of a physician.

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#### Section 5: Fire-Fighting Measures

**Flashpoint:** None                      **Method:** TCC                      **LEL:** NA                      **UEL:** NA  
**Extinguishing Media:** NA  
**Hazardous Combustion Products:** CO<sub>2</sub>, CO  
**Fire-fighting Instructions:** Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.

**NFPA:**      **Health:**      1      **Flammability:**      0                      **Reactivity:**      0  
**HMIS:**      **Health:**      1      **Flammability:**      0                      **Reactivity:**      0                      **PPE:**      A

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#### Section 6: Accidental Release Measures

**Spill/Leak Procedures:** Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

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#### Section 7: Handling and Storage

**Handling Procedures:** Store in a cool, dry area.

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#### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

**Respiratory:** Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

**Protective Clothing/Equipment:** Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

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#### Section 9: Physical & Chemical Properties

**Physical State:** Paste                      **Appearance & Odor:** Milky white liquid, slight

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Specific Gravity:	0.9328	Boiling Point:	petroleum odor.
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	ND	Vapor Density (air = 1)	ND
pH:	11.6	Solubility:	Soluble in water.
Volatile Organic Compounds %:	22	g/L: 205	lbs./gal: 1.71

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Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong oxidizers.		
Materials to Avoid:	Strong oxidizers.		
Hazardous Decomposition Products:	None		

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Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

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Section 12: Ecological Information

Ecotoxicity:	No data available.
Environmental Fate:	No data available for biodegradation.

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Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

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Section 14: Transportation Information

Shipping Name:	Not Regulated			
Hazard Class:	NA	UN Number:	NA	Packing Group:NA
Label:	NA	Placard:	NA	
Special Provisions:	NA			

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Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.  
SARA Title III: Section 311/312: NA Section 313\*: NA  
CERCLA/Superfund (RQ): NA  
Extremely Hazardous Substances: NA  
California Prop 65: NA

\* See section 2 for percentage

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Section 16: Additional Information

Prepared By: Adam M. Selisker Date: June 4, 2002

Technical Information: (800) 521-3168 CRC #: 00925

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity