



Safety Data Sheet

HOU CHEM All Purpose Cleaner

HMIS Ratings	
Health	3
Flammability	0
Reactivity	0
Protection	B

Section 1: Identification

Product Name: HOU CHEM All Purpose Cleaner

Product Use: Carpet Cleaner

Restrictions on Use: For use in extractor, but may be used by hand.

Manufacturer: Blue Ribbon Products, Inc.
8188 Allison Avenue
Indianapolis, IN 46268

Phone Number: (317) 972-7970 * (888) 274-2266

Emergency Phone: CHEMTREC
1-800-424-9300
For International Calls:
(703) 527-3887

Section 2: Hazard Identification

Hazard Class: Corrosion Category 1, Skin Corrosive Category 1, Eye Corrosive Category 1, Acute Aquatic Hazard Category 3, Acute Target Organ Toxicity Category 3, Carcinogenicity Category 2.

Signal Word(s): Danger

Hazard Statement: May be corrosive to metals. Causes severe skin burns and serious eye damage. Harmful to aquatic life. Ingestion may result in severe burns of the GI tract. May cause respiratory irritation. Suspected of causing cancer.

Pictogram Classes:



Precautionary Measures: Store in original corrosion resistant container. Wear eye, skin, and respiratory protection. Do not breathe dusts or mists. Wash thoroughly after

handling. Store tightly closed and locked up in well ventilated area. Obtain special instructions before use and do not handle until all safety precautions have been read and understood. Use only outdoors or in well ventilated area. Do not allow to contaminate water sources or release to the environment.

Miscellaneous Hazards: N/A

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (Wgt.%)
Ethanol, 2-Butoxy-	111-76-2	2-7
Benzenesulfonic Acid, Dodecyl-	27176-87-0	1-5
Phosphoric Acid, Trisodium salt	7601-54-9	1-5
Sodium Metasilicate	6834-92-0	1-5
Sodium Hydroxide	1310-73-2	0.5-1.5
SXS	1300-72-7	1-5
Nonylphenol Ethoxylate	9016-45-9	1-5
Non-hazardous and other ingredients below reportable levels	Proprietary	70-93

Section 4: First Aid Measures

Skin Contact Immediately remove all contaminated clothes and rinse skin with water. Wash clothing before reuse. Call a poison center or doctor and get immediate medical attention.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. Seek medical attention immediately.

Inhalation Move person to fresh air and keep comfortable for breathing. If symptoms develop or persist, get immediate medical attention.

Ingestion If the material is swallowed, get immediate medical attention – Give several glasses of water or milk. Do not induce vomiting.

Notes for Immediate Care / Physician N/A

Section 5: Fire Fighting Measures

Hazardous Combustion Products:

Carbon Monoxide, carbon dioxide, and other hydrocarbon fragments.

Extinguishing Media:

Use any media suitable for the surrounding fire.

General Fire Hazards:

Not a fire hazard.

Fire Fighting Equipment and Instructions:

Firefighters should wear full protective gear.

Section 6: Accidental Release Measures**Personal Protection/PPE:**

Wear mask, gloves, safety glasses or goggles, and an apron to avoid inhalation or skin and eye contact.

Emergency Procedures:

Ensure ventilation to avoid inhalation. Avoid skin contact to prevent corrosive burns. Keep away from metals as able to avoid corrosive reactions.

Containment Procedures:

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth, commercial sorbents, or recover using pumps.

Cleanup Procedures:

Absorb spill with inert material. Shovel material into appropriate container for disposal.

Section 7: Handling and Storage**Handling Procedures:**

Avoid prolonged or repeated skin contact with this material.

Storage Procedures:

Keep the container tightly closed. Do not freeze. Keep away from metals. Store in original container.

Section 8: Exposure Controls/Personal Protection

Chemical	CAS Number	PEL-OSHA	Exposure Limits	Carcinogen
			TLV-ACGIH	
Ethanol, 2-butoxy-	111-76-2	25 ppm 120 mg/m ³	20 ppm	No
Cocamide DEA	68603-42-9	N/A	N/A	Yes
Phosphoric acid, trisodium salt	7601-54-9	15 mg/m ³ TWA Total dust 5 mg/m ³ TWA respirable fraction	10 mg/m ³ TWA inhalable particles 3 mg/m ³ TWA respirable particles	No
Sodium Metasilicate	6834-92-0	N/A	N/A	No
Sodium Hydroxide	1310-73-2	2 mg/m ³ C	2 mg/m ³	No
Nonylphenol	9016-45-9	N/A	N/A	No

Ethoxylate				
SXS	1300-72-7	N/A	N/A	No
Non-hazardous and other ingredients below reportable levels	Proprietary	N/A	N/A	N/A

Engineering Controls:

Use local exhaust ventilation.

Personal Protective Equipment:

Eyes/Face:

Wear chemical goggles.

Skin:

Use impervious gloves. Use of impervious apron and boots are recommended.

Respiratory:

If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

General:

Use good hygiene practices when handling this material, including changing and laundering work clothes after use. Discard contaminated shoes and leather goods.

Section 9: Physical and Chemical Properties

Appearance:	Green liquid
Flammability Limits:	Not applicable.
Explosive Limits:	Not applicable.
Odor:	Fresh and Clean
Odor Threshold:	Not available.
Vapor Density:	Not available.
Vapor Pressure:	Not available.
pH:	12.7
Relative Density:	1.07
Melting Point:	Not available.
Solubility:	Soluble in water.
Initial Boiling Point/Boiling Range:	Not available.
Flash Point:	Not applicable.
Autoignition Temperature:	Not available.
Evaporation Rate:	Not available.
Partition Coefficient (n-octanol/water):	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.

Section 10: Stability and Reactivity

Reactivity:

May react with strong oxidizing agents and strong acids. Product contains strong base. Will react with metals.

Chemical Stability:

This is a stable material.

Hazardous Decomposition:

Hazardous combustion products may include carbon monoxide, carbon dioxide, and other hydrocarbon fragments.

Hazardous Polymerization:

Will not occur.

Incompatible Materials:

Strong oxidizing agents (peroxides, chlorine, strong acids). Strong acids. Metals.

Conditions Leading to Hazard:

Allowing product to freeze, storage with strong oxidizers or acids. Storage in or with metals.

Section 11: Toxicological Information

Acute Toxicity Estimate – Oral: >5000 mg/kg

Acute Toxicity Estimate – Dermal: >5000 mg/kg

Reproductive Toxicity/Germ Cell Mutagenicity: No ingredients with positive in vivo tests.

Skin/Inhalation Sensitization: This product contains no known sensitizers.

Carcinogenicity: Contains diethanolamine and cocamide DEA.

Section 12: Ecological Information

Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicate Acute Category 3 Aquatic Toxicity classification, but no Chronic categorization. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered, but are not expected to be contributory.

None of the components of this product are listed in the Montreal Protocol or its Amendments.

Section 13: Disposal Concerns

Dispose of waste material in accordance with Local, State, Federal, and Provincial Environmental Regulations.

Section 14: Transport Information

US DOT HMR Information

Proper Shipping Name:	Corrosive liquid, basic, inorganic, N.O.S. (Sodium Hydroxide, Sodium Metasilicate)
Identification Number:	UN3266
Packaging Group:	II
Hazard Class:	8

Section 15: Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting

2-Butoxyethanol
Diethanolamine

State Regulations

California – Proposition 65 – Carcinogens List

Diethanolamine
Cocamide DEA

Section 16: Other Information

Disclaimer:

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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