



Safety Data Sheet

HMIS Ratings	
Health	1
Flammability	2
Reactivity	0
Protection	B

HOU CHEM Cleaner Glaze

Section 1: Identification

Product Name: HOU CHEM Cleaner Glaze

Product Use: Automotive Reconditioning Product

Restrictions on Use: For use on automobiles only

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: Skin Irritant Category 2, Eye Irritant Category 2A, Flammable Liquid Category 4, Carcinogen Category 1, Acute Aquatic Toxicity Category 2, Chronic Aquatic Toxicity Category 2.

Signal Word(s): Danger

Hazard Statement: Causes skin irritation. Causes serious eye irritation. Combustible liquid. May cause Cancer via respirable crystalline silica. Toxic to aquatic life with long lasting effects.

Pictogram Classes:



Precautionary Measures: Do not ingest, keep out of eyes, keep away from sources of ignition. Do not handle until all safety precautions have been read and understood. Wear

proper protective gear. Do not allow to contaminate water sources. No smoking. Do not freeze. Wash thoroughly after handling. Store locked up.

Miscellaneous Hazards: N/A

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (Wgt.%)
Solvent Naphtha, light aliphatic	64742-89-8	25-40
Elaic Acid	112-80-1	2-8
Morpholin	110-91-8	0-3
IPA	67-63-0	2-5
Crystalline Silica (Quartz)	14808-60-7	0-1
Crystalline Silica (Cristobalite)	14464-46-1	0-3
Nonhazardous chemicals and ingredients below reportable levels	Proprietary	40-71

Section 4: First Aid Measures

Skin Contact Wash immediately with soap and water. Take off all contaminated clothing. If irritation persists, seek medical advice or attention.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. If eye irritation persists, get medical advice/attention.

Inhalation Move person to non-contaminated air. Seek medical attention if symptoms develop or persist.

Ingestion If the material is swallowed, get immediate medical attention or advice – Do not induce vomiting.

Notes for Immediate Care / Physician If aspirated into the lungs, this product may have damaging effects; treat the affected person appropriately.

Section 5: Fire Fighting Measures

Hazardous Combustion Products:

Carbon Monoxide, carbon dioxide, and other hydrocarbon fragments.

Extinguishing Media:

Carbon dioxide. Alcohol foam.

General Fire Hazards:

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

Fire Fighting Equipment and Instructions:

Firefighters should wear full protective gear.

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

Eliminate all sources of ignition. Wear gloves, safety glasses or goggles, and an apron to avoid skin and eye contact.

Emergency Procedures:

Eliminate all sources of ignition to avoid fire. Do not allow to contaminate water sources.

Containment Procedures:

Eliminate sources of ignition. 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:**

Keep this product from heat, sparks, or open flame. Avoid prolonged or repeated skin contact with this material. Do not allow this product to contaminate streams, aquifers, or other water sources, as it is toxic to aquatic life with long lasting effects.

Storage Procedures:

Store locked up. Do not freeze.

Section 8: Exposure Controls/Personal Protection

Chemical	CAS Number	PEL-OSHA	Exposure Limits	Carcinogen
			TLV-ACGIH	
Solvent Naphtha, light aliphatic	64742-89-8	500 ppm TWA	300 ppm TWA	No
Elaic Acid	112-80-1	N/A	N/A	No
Morpholin	110-91-8	20 ppm TWA	20 ppm TWA	No
IPA	67-63-0	400 ppm	400 ppm	No
Crystalline Silica (Quartz)	14808-60-7	250 mppcf/(%SiO ₂ +5) Respirable TWA 10 mg/m ³ /(%SiO ₂ +2) TWA 30 mg/m ³ /(%SiO ₂ +2)	0.05 mg/m ³ Respirable dust TWA	IARC Cat 1

		Total dust TWA		
Crystalline Silica (Cristobalite)	14464-46-1	250 mppcf/(%SiO ₂ +5) Respirable TWA 10 mg/m ³ /(%SiO ₂ +2) TWA 30 mg/m ³ /(%SiO ₂ +2) Total dust TWA	0.05 mg/m ³ Respirable dust TWA	IARC Cat 1
Nonhazardous chemicals and 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:

Eye wash fountain and emergency showers are recommended. Use good industrial hygiene practices in handling this material.

Section 9: Physical and Chemical Properties

Appearance:	White/Cream liquid
Flammability Limits:	Not applicable.
Explosive Limits:	Not applicable.
Odor:	Isopropanol
Odor Threshold:	Not available.
Vapor Density:	Not available.
Vapor Pressure:	Not available.
pH:	Not available
Relative Density:	Not available
Melting Point:	Not available.
Solubility:	Not available.
Initial Boiling Point/Boiling Range:	Not available.
Flash Point:	144.1°F/62.26°C
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:

Will react with strong oxidizing agents.

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).

Conditions Leading to Hazard:

Allowing product to freeze, storage with strong oxidizers.

Section 11: Toxicological Information

Acute Toxicity Estimate – Oral: >5000 mg/kg

Acute Toxicity Estimate – Dermal: >5000 mg/kg

Reproductive Toxicity/Germ Cell Mutagenicity: Contains <0.1% methanol.

Skin/Inhalation Sensitization: This product is not expected to cause sensitization.

Carcinogenicity: Contains the Class 1 carcinogen crystalline silica. Mixture has not been tested for carcinogenicity. Note that testing has demonstrated the carcinogenic properties of crystalline silica are primarily linked to silicosis from repeated inhalation of silica dust. Take care to avoid drying out this product and properly control any dust produced, and this will likely mitigate most of the potential carcinogenic properties.

Section 12: Ecological Information

Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicate both Acute Toxicity Category 2 and Chronic Toxicity Category 2 to the aquatic environment. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered.

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

Exceptions: If shipped in non-bulk container, classified according to International HMR.

Proper Shipping Name: Combustible Liquid, N.O.S.

Identification Number: NA1993

Packaging Group: III

Hazard Class: Comb. Liq.

International HMR Information

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (Solvent Naphtha, light aliphatic)

Identification Number: UN3082

Packaging Group: III

Hazard Class: 9

Section 15: Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting

Xylene

Ethylbenzene

Methanol

State Regulations

California – Proposition 65 – Carcinogens List

Crystalline Silica (Quartz)

Crystalline Silica (Cristobalite)

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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