



MATERIAL SAFETY DATA SHEET

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MSDS No.: RR0101
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Approved by: James A. Bertsch

Section 7 Handling & Storage GENERAL STORAGE CODE GREEN

Read label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.
Handling: Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid ingestion. Do not inhale vapors, spray or mist. Wash thoroughly after handling. Remove and wash clothing before reuse.
Storage: Store in a cool, well-ventilated area away from incompatible substances.

Section 8 Exposure Controls / Personal Protection

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.
Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

Section 9 Physical & Chemical Properties

Physical state: Liquid. **Boiling point:** ~100°C (212°F) (water)
Appearance: Dark blue. **Freezing / Melting point:** ~0°C (32°F) (water)
Odor: No odor. **Decomposition temperature:** N/A
pH: N/A **Solubility in water:** Complete.
Vapor pressure (mm Hg): 14 (water) **Specific gravity (H₂O = 1):** ~1.1
Vapor Density (Air = 1): 0.7 (water) **Percent volatile (%):** 100%
Evaporation rate (Water = 1): <1 **Molecular formula:** Mixture.
Viscosity: N/A **Molecular weight:** Mixture.

Section 10 Stability & Reactivity

Chemical stability: Stable **Hazardous polymerization:** Will not occur.
Conditions to avoid: Excessive temperatures which cause evaporation.
Incompatibilities with other materials: None known.
Hazardous decomposition products: None known.

Section 11 Toxicological Information

Effects of overexposure: May be harmful by ingestion. May cause irritation. To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards. No toxicological information is available.

Section 12 Ecological Information

Aquatic toxicity: Data not yet available.

Section 13 Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Section 14 Transport Information

UN/NA number: N/A
Shipping name: Not Regulated.
Hazard class: N/A
Packing group: N/A
Exceptions: N/A

Section 15 Regulatory Information

All components listed with the following agencies: TSCA

Section 16 Additional Information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards.

Section 1 Chemical Product and Company Information

Product	VisiClean Super Concentrate Washer Fluid
Synonyms	N/A

CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300

Section 2 Hazards Identification

Emergency Overview

0 = Minimal	Health	0
1 = Slight	Fire	0
2 = Moderate	Reactivity	0
3 = Serious	Contact	0
4 = Severe		

WARNING!
MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION.
Store in a cool place. Use with adequate ventilation. Keep container tightly closed.
Target organs: None known.

HMS1 *

Section 3 Composition / Information on Ingredients

Chemical Name	CAS #	%	TLV Units (ACGIH 2001)
Royal blue dye (polymeric colorant)*	N/A	<67%	None established.
Water	7732-18-5	<34%	None established.

*The specific chemical identity and/or exact percentage (concentration) has been withheld as a trade secret. The chemical is not considered to be carcinogenic by NTP, IARC, or OSHA. Contains no hazardous ingredients as per 29CFR Part 1910.1200.

Section 4 First Aid Measures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.
SKIN CONTACT: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire Fighting Measures

General information: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool. In fire conditions, hazardous decomposition products may be formed as dust or fume.

Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Flash Point: N/A

Autoignition temperature: N/A

Explosion Limits: Lower: N/A **Upper:** N/A

NFPA

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3 = Serious	
4 = Severe	

None listed.

Section 6 Accidental Release Measures

Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation. Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water. Avoid runoff into storm sewers and ditches which lead to waterways.