

Section 1 - IdentificationProduct Name: **V-H Cleaner** A liquid thixotropic detergent.

Revised: 10/7/15

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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 2; Eye Corrosion/Irritation 2A

Hazard statements: Causes skin irritation and serious eye irritation.

Signal word: Warning

Pictogram: Exclamation point

Precautionary statements

Prevention

Wash hands thoroughly after handling.

Wear protective gloves such as latex.

Wear eye protection such as safety glasses with side shields.

Response**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. continue rinsing. If eye irritation persists: Get medical attention.

Storage - None. Disposal - None.

**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	89%
Terpinol	98-55-5	3%
Dodecylbenzene sulfonate, potassium salt	27177-77-1	2%
Polyethylene glycol octylphenyl ether	9036-19-5	2
Monoethanolamine	141-43-5	1%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.**Skin Contact:** Rinse exposed area with water. If irritation develops and persists, get medical attention.**Inhalation:** None**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention.**Section 5 - Fire-Fighting Measures****Extinguishing Media:** Any**Special Fire Fighting Procedures:** None.**Unusual Fire And Explosion Hazards:** None.**Section 6 - Accidental Release Measures****Steps To Be Taken If Material Is Released Or Spilled:** Wipe or mop up small spills. Larger spills can be collected into clean pails or drums for later use or washed to a sanitary sewer with plenty of water.**Section 7 - Handling and Storage**

Store at temperatures between 40° - 100° F. Do not allow product to contact food or food preparation surfaces.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Monoethanolamine	141-43-5	1%	3 ppm(1-4)	6 ppm(2-4)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: None.

Respiratory Protection: None when used as directed.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves.

Eye Protection: If eye contact with concentrate is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Appearance and Odor: An orange liquid with pine odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 10.0 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 1.0
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 212° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: ~1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 98%
Upper Explosive Limit: None	V.O.C.: 7.2% - 72 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Primary Routes of Entry: ___Through Skin ___Inhalation XIngestion

Potential Health Effects:

Eyes - may cause irritation, redness, tearing.

Skin - may cause irritation on persons with sensitive skin.

Swallowing - may cause nausea and diarrhea. Minimal toxicity.

Breathing - none.

Section 12 - Ecological Information

Not hazardous. Biodegradable.

Section 13 - Disposal Considerations

Waste Disposal Method: Wash to a sanitary sewer with a large amount of water.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:0 F:0 I:0 **HMIS® III:** H:1 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 4/28/15. Revised Hazard Categories and Statements. Added Exclamation Point pictogram.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.