

GHS SAFETY DATA SHEET 'ENVIRO-SCRUB VT (6% SOLUTION)'

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name..... Enviro-Scrub VT (6% Solution)
 Chemical Use..... Hydrogen Sulfide Neutralizer
 Chemical Family..... Mixture
 Issue Date of SDS..... March 1, 2017
 Revision Date of SDS..... 1/31/2022

MANUFACTURER:

Vapor Technologies, Inc.
 7200 Williams Street
 Hitchcock, TX 77563
 (409) 316-0173
www.vapor-tech.net

EMERGENCY TELEPHONE NUMBER: (877) 840-0646

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION: NON-HAZARDOUS

<u>Health</u>	<u>Environmental</u>	<u>Physical</u>
Skin Corrosion/Irritation: Category 2	None Known	None Known
Eye Damage/Irritation: Category 2A		
Acute Toxicity/Oral: Category 4		

GHS LABEL:



GHS07 Irritant

SIGNAL WORD:

WARNING

Hazard Statements

H302: Harmful if swallowed.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.

Precautionary Statements

P264: Wash hands thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P280: Wear protective gloves.
 P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P330: Rinse Mouth.
 P332 + P313: If skin irritation occurs: Get medical advice/attention.
 P362: Take off contaminated clothing and wash before reuse.
 P337 + P313: If eye irritation persists: Get medical advice/attention.

	<u>NFPA</u>
Health	1
Flammability	0
Reactivity	0
Special Notice	-

<u>HMIS</u>		
1	Health	0 - Minimal
0	Flammability	1 - Slight
0	Physical Hazard	2 - Moderate
B	PPE	3 - Serious
		4 - Severe
		B - Safety Glasses & Gloves

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS#</u>	<u>CONCENTRATION</u>
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	4719-04-4	6%
2-aminoethanol	141-43-5	<1%

Eye Contact..... Immediately flush eyes with plenty of water. Get medical attention if irritation develops or persists.
 Skin Contact..... Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.
 Inhalation..... If exposed to excessive levels of fumes, remove to fresh air. Get medical attention if cough or other symptoms develop.
 Ingestion..... **DO NOT INDUCE VOMITING!** Drink one or two glasses of water and get medical attention immediately!

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Use foam, carbon dioxide, or water spray to extinguish flames.
 Unsuitable Extinguishing Media:..... No further relevant information available.
 Combustion Products: None.
 Fire Fighting Instructions..... As with any fire, wear sealed contained breathing apparatus, pressure demand MSHA/NIOSH (approved or equivalent) and full protective gear. Water runoff may cause environmental damage. Dike and collect water used to fight fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURE

Personal Precautions:..... Prevent contact with skin and eyes. See Section 8.
 Environmental Precautions..... Prevent entry of product into drains, sewers, surface or ground water.
 Methods for Cleaning Up:..... Clean up spills immediately. Absorb spill with inert material (e.g., dry sand or earth), then place in a suitable container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling:..... Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Wear protective gloves, clothing and eye protection when handling this product. Use in well ventilated areas.
 Storage..... Store in cool place in original container and keep away from direct sunlight. Keep container closed when not in use.
 Shelf-Life..... 12 Months
 Storage Temperature..... 5 - 43°C (41 - 110°F)

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH (TLV)	ACGIH (STEL)	OSHA (PEL)
	2-aminoethanol	STEL 15mg/m3	6ppm 15 minutes	15mg/m3 15 minutes

Engineering Controls..... Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment (PPE):

Eye Protection..... Wear safety-goggles with side shields (or goggles). Contact lenses should not be worn.
 Skin Protection..... Wear chemical resistant gloves.
 Respiratory Protection..... Avoid breathing vapors or mist.
 General Hygiene Consideration..... There are no known health hazards associated with this product when used as recommended.

The following general hygiene considerations are recognized as common, good industrial hygiene practices:

- Wash hands after use and before eating.
- Avoid breathing vapors.
- Wear safety glasses and gloves.

Exposure Limits..... Not established for product as whole.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance..... Light Amber to dark Amber.
 Odor..... Amine-Like.
 Vapor Pressure..... Not Determined.
 Odor Threshold..... Not Determined.
 Vapor density..... Not Determined.
 pH..... 10 - 11.0
 Relative Density..... Not Determined.
 Melting point/Freezing point:..... Not Determined / 30°F
 Solubility in water..... 100%
 Initial boiling point and range..... 223°F / Not Determined.
 Flash Point..... None.
 Evaporation rate..... Not Determined.
 Flammability (solid, gas):..... Not Flammable.
 Upper/Lower flammability or explosive limits:..... Not Established.
 Auto igniting temperature..... Not Determined.
 Viscosity..... Not Determined.
 Specific Gravity (water = 1)..... 1.02

Reactivity..... No dangerous reaction known under conditions of normal use.

Chemical Stability..... Stable.

Hazardous Polymerization..... Will not occur.

Incompatibilities..... Strong Acids and Oxidizers.

Decomposition Products..... NO_x, Carbon Oxides, Formaldehyde.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:..... Inhalation, Eye and Skin Contact

Acute symptoms and effects:

Eye..... Severe eye irritation. May cause burns.

Skin..... Moderately irritating to the skin.

Ingestion..... Moderately toxic. May cause gastric distress such as nausea, vomiting, diarrhea.

Inhalation:..... Prolonged or repeated exposure may cause irritation and burning to tissue.

Chronic Exposure:..... Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Toxicity Data:

LD50

LC50

Not Known

Not Known

Carcinogenicity..... Not a known carcinogen.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:..... No further relevant information available.

Mobility in soil:..... No further relevant information available.

Degradability:..... Expected to readily biodegrade.

Bioaccumulation:..... No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATION

ENVIRO-SCRUB VT 6% SOLUTION is not considered a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised, however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local authorities regarding the proper disposal of this material.

(Note: Adding chemicals, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate).

SECTION 14 - TRANSPORTATION INFORMATION

- A. USA:** UN Number..... Not Regulated.
 D.O.T UN Proper Shipping Name..... Not Regulated.
 Packaging group..... Not Regulated.
 Technical Shipping Name..... Liquid detergent.
 D.O.T. Label..... Not Regulated.
 D.O.T. Placard..... Not Regulated.
 Freight Class Package..... Class 55
- B. CANADA:** TDG..... Not Regulated.
- C. ENGLAND:** Approved Carriage List..... Not Regulated.

SECTION 15 - REGULATORY INFORMATION

- A. USA:** TSCA Status..... All ingredients listed on TSCA Inventory.
 SARA TITLE III, 302/303 EHS..... None
 SARA TITLE III, 304 HS..... None
 SARA TITLE III, 311/312..... None
 SARA TITLE III, 313..... None
- B. CANADA:** DSL/NDL..... All ingredients are listed.
 WHMIS..... Not Classified.
- C. EC:** EINECS..... All ingredients are listed.

SECTION 16 - OTHER INFORMATION

For details on specific requirements, you should contact the appropriate agency in your state.

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