

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: RUST RIP
PRODUCT CODE: 135-4G

HMIS CODES: H F R P
 2 0 1 C

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

MANUFACTURER'S NAME: ENVYSS, LLC
ADDRESS: Monroe, GA 30655
EMERGENCY PHONE: 800-535-5053
INFORMATION PHONE: 770-934-4242

NAME OF PREPARER : Alan Sumner
DATE OF PREPARATION : 4/15/1998

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP		WEIGHT PERCENT
* PHOSPHORIC ACID 1 MG/M3 TWA, 3 MG/M3 STEL	7664-38-2	5MM	25°C	33
* 2-BUTOXY ETHANOL 25 PPM SKIN TLV	111-76-2	.88	77°F	5

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.
 *** Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING POINT: 221 ° F
VAPOR DENSITY: Not Applicable
MATERIAL V.O.C.: 0.471 lb/gl
SOLUBILITY IN WATER: Soluble
APPEARANCE AND ODOR: Clear colorless liquid. Glycol ether odor.

SPECIFIC GRAVITY (H2O=1): 1.14
EVAPORATION RATE: Near that of water

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: None to boiling
METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
FLAME EXTENSION: Not Applicable
EXTINGUISHING MEDIA: Not Applicable
SPECIAL FIREFIGHTING PROCEDURES: Not Applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Applicable

===== **SECTION V - REACTIVITY DATA** =====

STABILITY: Stable
CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIALS TO AVOID): Contact with strong alkaline materials and oxidizing agents such as chlorine bleach can lead to a violent chemical reaction and/or the generation of toxic fumes.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None Known

HAZARDOUS POLYMERIZATION: Will not occur.

===== **SECTION VI - HEALTH HAZARD DATA** =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: INHALATION OF SPRAY MIST: May cause nose and throat irritation.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EYE CONTACT: Causes severe eye irritation and may possibly cause corrosive burns. SKIN CONTACT: Exposure may cause severe skin irritation. Prolonged or repeated exposure may cause severe skin damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SKIN ABSORPTION: Material can be absorbed through the skin possibly leading to damage to the blood and liver.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: INGESTION: Causes vomiting, nausea, and burns to the mouth, throat and gastrointestinal tract. This material can enter the lungs during swallowing or vomiting and cause lung damage which can be harmful.

HEALTH HAZARDS (ACUTE AND CHRONIC): See above for acute health hazards. Overexposure to 2-Butoxy Ethanol can cause mild, reversible liver effects; mild, reversible kidney effects and blood abnormalities.

CARCINOGENICITY: NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOT APPLICABLE

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush with running water for at least 15 minutes, lifting eyelids periodically to remove contamination. Get immediate medical attention.

SKIN CONTACT: Immediately flush with large quantities of water for at least 15 minutes. Remove contaminated clothing and launder before reuse. Get medical attention for irritation or any other symptom.

INGESTION: If swallowed immediately give 1 or 2 glasses of water followed by milk of magnesia if available. Call a physician, hospital emergency room or poison control center.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep spectators away. Dike and contain spill. Neutralize with baking soda to pH 6-10. Wet vac up or flush to sewer with water or cover with inert material (e.g. sand, earth). Transfer to covered plastic containers for recovery or disposal. Prevent contamination of sewers, streams and groundwater with spilled, unneutralized, concentrated material

WASTE DISPOSAL METHOD: The concentrated material, if intended for disposal, is a RCRA hazardous corrosive waste due to pH. Disposal of unneutralized material or its container requires compliance with applicable labeling, packaging, and recordkeeping standards. Extreme care should be taken to ensure that it is disposed of only in a facility permitted for disposal of hazardous waste. Diluted or neutralized product with a pH below 12.5 is not a hazardous waste unless contaminated.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid prolonged or repeated skin contact. Do not swallow. Avoid contact with eyes.

OTHER PRECAUTIONS: Avoid skin and eye contact. Do not breathe spray mist. Keep out of reach of children.

===== **SECTION VIII - CONTROL MEASURES** =====

RESPIRATORY PROTECTION: Use a NIOSH approved respirator with organic vapor canister if vapor or mist becomes a problem or airborne exposure limits are exceeded. Not required under normal conditions of use.

VENTILATION: General mechanical ventilation or local exhaust.

PROTECTIVE GLOVES: Impermeable chemical handling gloves for skin protection.

EYE PROTECTION: Wear safety glasses meeting the specifications of ANSI Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI 87.1 should be worn whenever there is a possibility of splashing or other contact with the eyes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use impermeable aprons and boots. Eyewash facility.

WORK/HYGIENIC PRACTICES: Avoid contamination of food or feed. Wash thoroughly after handling.

===== **SECTION IX - DISCLAIMER** =====

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. It is the user's obligation to evaluate this information and determine the conditions of the safe use of the product.