

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: RED REMOVE

EMERGENCY PHONE: 1-800-424-9300				VII - PRECAUTIONS FOR SAFE HANDLING AND USE			
May be used to comply with OSHA'S Hazard Communications Standard (HSCJ) 29 CFR 1910, 1200. Standard must be consulted for specific requirements. This product contains no substances subject to SARA TITLE III and 40 CFR.				STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED: SMALL SPILLS: Neutralize with sodium bicarbonate and rinse small amounts to drain where possible. LARGE SPILLS: Dike or dam large spills, pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer, rinse area thoroughly. WASTE DISPOSAL METHOD: Deposit in landfill in accordance with local, state and federal authorities.			
				VIII - SPECIAL PROTECTION INFORMATION			
				RESPIRATORY: For exposure above limits (see Section II) use NIOSH/MSMA approved "GM" or better respirator with organic vapor cartridge. Mechanical (exhaust) may be used to keep concentration below exposure limits. EYE: Required. Chemical goggles with side shields.			
I - IDENTIFICATION				SKIN: Required to prevent all skin contact.. PROTECTIVE: Gloves, wear impervious rubber or neoprene gloves. OTHER: Impervious footwear. Empty container may contain hazardous residue. Do not reuse for food or drink.			
PRODUCT NAME: RED REMOVE PREPARED BY: DEPARTMENT OF HAZARDOUS COMMUNICATIONS DEPT				VENTILATION REQUIREMENTS: Use in well ventilated area.			
II - HAZARDOUS INGREDIENTS				IX - SPECIAL PRECAUTIONS			
PRINCIPLE HAZARDOUS COMPONENT(S) (CHEMICAL NAMES)		CAS No.	ACGIH TLV	OSHA PEL	% OR RANGE		
Ammonium Hydroxide		1336-21-6	35 mg m ³	ND	2-23%		
*2-(2-methoxyethoxy) Ethanol		11-77-3	25 mg m ³	25 mg m ³	13-23%		
*2-(2-methoxyethoxy) Ethanol may be absorbed through the skin in toxic amounts. *2-(2-methoxyethoxy) is subject to SARA Title III reporting.				SPECIAL PRECAUTIONARY STATEMENTS: Keep this and all chemicals out of reach of children. NOTICE: We believe that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, expressed or implied, of merchantability fitness or otherwise is made.			
III - PHYSICAL DATA				SARA Title III Reporting Requirements.			
BOILING POINT (°F) ND		SPECIFIC GRAVITY (H ₂ O =1) 1.005		302	Extremely Hazardous Substances): Reporting not required		
VAPOR PRESSURE (mm Hg) ND		MELTING POINT NA		304/CFRCL A	(Spills Notification): Required for spills above RQ. Spills in excess of 1000 lbs must be reported.		
VAPOR DENSITY (Air - 1) ND		EVAPORATION RATE (H ₂ O = 1) ND		311	Community Right-To-Know, RTK): Reporting required. Send copies of this MSDS to state and local emergency planning committees and local fire department.		
Ph 10.4		APPEARANCE AND ODOR: Clear colorless liquid, strong ammonia odor.		312	(RTK Inventory Data): Reporting regulated for inventories above threshold planning quantity (TPQ.)		
SOLUBILITY IN WATER Complete				313	(Emissions and Releases): Reporting not required.		
				DOT	Not Regulated.		
IV - FIRE AND EXPLOSION HAZARD DATA				References			
FLAMMABILITY as per CPSC FLAME EXTENSION TEST:				TOXIC SUBSTANCE CONTROL CT LIST (Iscs) - INGREDIENTS LISTED			
SPECIAL FIRE FIGHTING PROCEDURES : None known.				PERMISSIBLE EXPOSURE REFERENCES:			
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.				Registry of Toxic Effects of Chemical substances.			
V - REACTIVITY DATA				Title 29 Code of Federal Regulations National Toxicology Program (NTP) Report on Carcinogens. International Agency for Research on Cancer (IARC) Monographs Title 40 Code of Federal Regulations			
CHEMICAL STABILITY		UNSTABLE		REGULATORY STANDARDS:			
INCOMPATIBILITY (Materials to avoid): Acids and acid cleaning products, sodium hypochlorite.		XX		DOT Title 49 Code of Federal Regulations 172.101			
HAZARDOUS DECOMPOSITION PRODUCTS:				SARA Title III			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR		XX		Nuclear Regulatory Commission			
VI - HEALTH HAZARD AREA							
ROUTES OF ENTRY		EYES	Yes	SKIN	Yes	INGESTION	Yes
EFFECTS OF OVER EXPOSURE:							
INHALATION: Shortness of breath.							
SKIN CONTACT/ABSORPTION: Irritation to skin							
INGESTION: Irritation to throat and lining of stomach.							
FYF'S: Tearing and redness.							
CARCINOGENICITY		NTP?		IARC MONOGRAPHS?		OSHA REGULATED?	
EMERGENCY AND FIRST AID PROCEDURES:							
EYES AND SKIN: - Immediately flush eyes for 15 minutes in clean running water. If irritation results, GET MEDICAL ATTENTION IMMEDIATELY. SKIN - Rinse skin areas with large amounts of running water from a safety shower IMMEDIATELY.							
INHALATION: Remove to fresh air. Contact physician. GET IMMEDIATE MEDICAL ATTENTION.							
INGESTION: Have victim drink large quantities of water as quickly as possible to dilute the product. Induce vomiting.							