

MATERIAL SAFETY DATA SHEET

H.M.I.S RATING



2 HEALTH	HAZARD RATING 4=Extreme 3= High 2=Moderate 1=Slight 0=Insignificant
0 FIRE	
0 REACTIVITY	
C MAXIMUM PERSONAL PROTECTION	
A=GOGGLES, B=GOGGLES & GLOVES C=GOGGLES, GLOVES & APRON	

Section 1 – Product/Manufacturer’s Identity

PRODUCT NAME: Vengeance
PRODUCT NUMBER: 690160
PRODUCT USE: Floor Finish Remover

PRODUCT I.D. NUMBER (PIN): 1760
WHMIS CLASS: E D2B
DOT HAZARD CLASS: Corrosive Material

COMPANY:
 Eagle Solutions.
 P.O. Box 350
 100 Eagle Pkwy.
 Adairsville, GA 30103

DOT SHIPPING NAME:
 Corrosive Liquid N.O.S.
 (potassium hydroxide, monoethanolamine)
 Hazard Class 8, UN 1760, PG11

24-HOUR EMERGENCY PHONE: Infotrac 800-843-6174 770-773-3875

Abbreviation Key: N.A.=Not Applicable, N.E.=Not Established, N.D.= Not Determined

Section 2 –Hazardous Ingredient Information

<u>HAZARDOUS CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>% OPTIONAL</u>	<u>LD50 (Oral) rat</u>	<u>LC50 (INHL)</u>
* 2-butoxyethanol	111-76-2	TWA: 20 PPM	TWA: 50 PPM	25-35	470 mg/kg	450 PPM/4HRS
Potassium Hydroxide	1310-58-3	N.E.	N.E.	1-3	365 mg/kg	N.D.
Monoethanolamine	141-43-5	TWA: 3 PPM	3 PPM	10-15	1720 mg/kg	N.D.

* -> These items are listed on the Sara Title III Section 313 Inventory

+ -> Denotes Ceiling Limit

The exact composition of this formula is considered to be propriety information however, this product contains no other hazardous components at a level of 1% or greater and no known or suspected carcinogen at a level of 0.1% or greater.

Section 3 –Physical Data

Color: Colorless	Boiling Point: 100°C (212°F)	Vapor Pressure:	pH: 13.5+
Odor: Glycol ether	Freezing Point: 0°C (32°F)	Vapor Density (Air=1): >1	
Physical State: Liquid	Water/Oil Distribution: N.E.	Evaporation Rate (Water=1): NE	Specific Gravity: 1.02
Solubility in Water: Infinitely Soluble	Odor Threshold: N.E.	Percent VOC: 38.9 %	Percent Volatile: 96%

Section 4 –Fire & Explosion Hazard Data

Flash Point and Method: 156°F (T.C.C.)	Autoignition Temperature: N.A.
Flammable Limits: LEL: N.E. UEL: N.E.	Unusual Fire & Explosion Hazard: Avoid source of ignition
Extinguishing Media: Use dry chemicals or CO2	Hazardous Combustion Products: N.A.
Special Fire Fighting Procedure: Use proper protective equipment	

Section 5 –Reactivity Data

Chemical Stability: Stable	Hazardous decomposition of By-Product: None Known
Incompatibility (Materials to Avoid): Acids, aluminum and other soft metals	Hazardous Polymerization: Will not occur.

Section 6 –Toxicological Properties

Routes of Entry: Ingestion. Inhalation. Skin contact. Eye contact.	Toxicologically Synergistic Product: None Known
Sensitization: No	Medical Conditions Aggravated by Exposure: None Known
Effects of Overexposure (Acute and/or Chronic):	
Eyes: May cause severe burns or corneal damage.	Carcinogenic Effect: None
Skin: Prolonged or repeated contact may cause irritation or possible damage.	Mutagenic Effect: None
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.	Teratogenic Effect: None
Inhalation: Prolonged exposure in poorly ventilated area may cause respiratory irritation.	Reproductive Toxicity: None

Section 7 –Preventative & Control Measures

Respiratory Protection: None normally required with adequate ventilation.	Ventilation: Local Exhaust: Mechanical: Acceptable
Protective Gloves: Rubber to protect sensitive skin.	Eye Protection: Chemical splash goggles
Protective Clothing and Equipment: As needed to prevent wetting clothing.	Work & Hygienic Practices: Wash thoroughly after handling.
Storage Requirement: Store in cool, dry area away from sources of ignition. Empty Container retains vapor and product residue: do not puncture or Weld on or near container.	Other Requirements: Keep out of reach of children.
Steps to be taken if material Is spilled or released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb in inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.	

Water Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

Section 8 –Emergency & First Aid

First Aid –Notes to Physician:	
Eyes: Flush with large amounts of water for 30 minutes holding eyelids open.	Skin: Wash with mild soap and water.
Ingestion: Give 2-3 large glasses of milk or water. Do not induce vomiting. Seek medical attention.	Inhalation: Remove to fresh air and rest.

*In all cases if symptoms persist, seek medical attention.

Note to Physician: No additional information.

Section 9 –Preparation Information

Prepared By: Regulatory Affairs Department

Phone: 770-773-3875

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