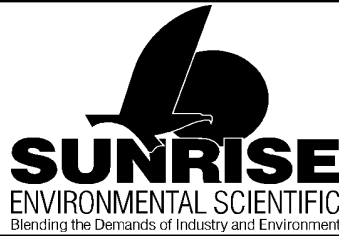


Manufacturer's Name:
Sunrise Environmental Scientific
Address: P.O. Box 10207
City: Reno, Nevada 89510



Information: 775-359-8494
For chemical emergency,
Chemtrec: 800-424-9300
Fax: 775-359-6751

MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: VERT-A-KLEEN

Date Prepared: 10/19/11

Product Number: 2140

UN-Number: 1824

SECTION II - HAZARDOUS INGREDIENTS

Ingredients:	CAS#	PEL	TLV	IDLH
Sodium Hydroxide	1310-73-2	2mg/m3	2mg/m3	200mg/m
Potassium Hydroxide	1310-58-3	2mg/m3	2mg/m3	N/A
*2 Butoxy Ethanol	111-76-2	25ppm	25ppm	700ppm
*Diethylene Glycol	111-90-0	N/D	N/D	N/D
Monoethyl Ether				
Nonylphenol Polyethoxylate	9016-45-9	N/A	N/A	N/A
Polyethylene Glycol	25322-68-3	N/A	N/A	N/A
Coconut oil Diethanolamine	8051-30-7	N/A	N/A	N/A

Comments: Coupling/Surfactant system is proprietary, no TLV, OSHA values established. Caution: Strong alkaline liquid.

SECTION III - PHYSICAL DATA

Boiling Point: 205 degrees F. Vapor Press: N/A Vapor Density: N/A Solubility In Water: Soluble
Specific Gravity: 1.10 Appearance And Odor: Aqua Blue liquid musty ethereal aroma. Melting Point: N/A
Evaporation Rate: N/A % VOC: 8.7% (0.71lb/gal.)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not flammable LEL: N/A Flammable Limits: N/A UEL: N/A
Extinguishing Media: CO₂, dry chemical, water fog.
Fire Extinguishing procedures: May produce irritating fumes in fire. Use SCBA. Use cautions appropriate to strong alkaline liquid.
Explosion Hazard: May produce carbon monoxide or other toxic by products in fire.

SECTION V - REACTIVITY

Stability: Stable Condition To Avoid: N/A Incompatibility: Acids, oxidizers, strong chemicals, metals.
Hazardous By Products: Possible carbon monoxide, irritating fumes in fire. Hazardous Polymerization: Will not occur.

SECTION VI - HEALTH HAZARD DATA

Route Of Entry: Inhalation, skin, eye, ingestion.
Health Hazards: Acute: Respiratory irritation, irritation to skin, eyes, skin burns on prolonged contact. Prolonged eye contact can cause irreversible damage. Inhalation causes respiratory irritation, CNS depression. Ingestion: Burns to digestive tract.
Chronic: Dermatitis in sensitive individuals. Ingestion: Toxic effects. Carcinogenicity: No
NTP: No IARC Monographs: No OSHA Regulated: No
Signs Of Exposure: Watering eyes, itchy skin, dizziness, burned or reddened skin, headache or nausea, burning lungs.
Medical Condition Aggravated By Exposure: Preexisting skin or lung disorders may be aggravated by exposure to this material.
First Aid Exposure: Eyes, flush with water. See a physician. Skin, wash off immediately with soap and water. Ingestion, do not induce vomiting, drink large quantities of water or milk. See a physician. Treat as caustic ingestion. Inhalation: Move to fresh air. Note to physicians: Contains ethylene glycol. Administer ethanol.

SECTION VII - PRECAUTION FOR SAFE HANDLING AND USE

Spill Cleanup Procedure: Isolate spill and neutralize material with citric acid to an acceptable PH level. Absorb material with spill absorbent or like material.
Waste Disposal Method: Dispose of material following local and federal regulations. PH neutralization with citric acid is recommended prior to disposal.
Precaution In Storage: Store away from reactive chemicals in a cool well ventilated area. Keep container closed.
Other Precautions: Avoid skin contact. Use gloves and wash up after use. *Contains a toxic chemical or chemicals subject to the reporting requirements of SARA Title III, Section 313. 2 Butoxy Ethanol, <5%, Ethylene Glycol, <3%, Diethylene Glycol, <10%.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Use ventilation adequate to maintain TLV. Ventilation: N/A Local Exhaust: Use fan in confined area.
Special Exhaust: N/A Mechanical Exhaust: N/A Special Exhaust: N/A Other Exhaust: N/A
Protective Gloves: Chemical resistant gloves.
Eye Protection: Goggles or face shield.
Protective Clothing Or Equipment: Apron and boots.
Work/Hygienic Practices: Use caution appropriate to strong alkaline detergent solution.

HMIS RATING or NFPA 704 HAZARD RATING	HEALTH	3
Extreme - 4 • High - 3 • Moderate - 2	FLAMMABILITY	0
Slight - 1 • Insignificant - 0	REACTIVITY	1