

MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME GRANITIZE PRODUCTS, INC.	
STREET ADDRESS 11022 VULCAN STREET	
CITY, STATE AND ZIP CODE SOUTH GATE, CALIFORNIA 90280-0893	
EMERGENCY PHONE NUMBER (24 Hours): Transportation Emergencies Call: CHEMTREC (800) 424-9300 International: 202-483-7616 Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766	
PRODUCT: I-3 UPHOLSTERY SHAMPOO	CAUTION: Avoid eye contact and prolonged skin contact. May be harmful if swallowed. If swallowed, contact a physician immediately. DO NOT induce vomiting. FOR INDUSTRIAL USE ONLY. KEEP OUT OF THE REACH OF CHILDREN.
CAS NUMBER: (Not Applicable for Blends)	
DOT (Proper Shipping Name) Compound Cleaner, Non-Hazardous <u>HAZARD RATING NFPA</u> 0-LEAST FIRE - <u> 1 </u> 1-SLIGHT TOXICITY - <u> 2 </u> 2-MODERATE REACTIVITY - <u> 0 </u> 3-HIGH SPECIAL - _____ 4-EXTREME	

SECTION I .. INGREDIENTS

PRODUCT	CAS #	TLV	PERCENTAGES
ETHYLENE GLYCOL	111-76-2	50,000ppm	5%
SODIUM HYDROXIDE	131-7-32	2mg/m3	1%

* Threshold Limit Value

A, Osha]

B, ACGII]

C, See Section III]

D, Other]

Cal Osha]

Section II .. EMERGENCY AND FIRST AID PROCEDURES

Transportation Emergencies Call: CHEMTREC (800) 424-9300 International: 202-483-7616
Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766

EYE CONTACT	Gently flush with large quantities of water for at least 15 minutes. Seek medical attention immediately.
SKIN CONTACT	Remove any contaminated clothing. Wash with soap and large quantities of water. Seek medical attention if irritated.
INHALATION	If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, move to outside air immediately. If breathing stops, begin artificial respiration and seek immediate medical attention.
INGESTION	If this product is swallowed, seek medical attention immediately. <u>DO NOT</u> induce vomiting unless directed by a physician.

Section III .. PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

EYE EFFECTS	This product may be an eye irritant.
SKIN EFFECTS	Prolonged skin contact may result in irritation and/or Dermatitis.
SYSTEMIC EFFECTS	Various studies have shown a possible association with exposure to this product and the following:

CARCINOGEN:NTP IARC MONOGRAPHS OSHA

NONE KNOWN

SECTION IV .. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)	The use of respiratory protection depends on vapor concentration of the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved, if available), or supplied air equipment, depending on airborne concentration.
VENTILATION	If general mechanical ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.
EYE PROTECTION	Safety glasses and/or face shields are recommended.
PROTECTIVE GLOVES	The use of heavy rubber gloves is advised to prevent skin irritation and absorption.
OTHER PROTECTIVE EQUIPMENT	Impermeable aprons, availability of eye washes and safety washes are recommended.

SECTION V .. REACTIVITY DATA

STABILITY	Stable
Conditions to avoid:	NONE
INCOMPATIBILITY (Materials to avoid)	NONE
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.
HAZARDOUS POLYMERIZATION	Will Not Occur

SECTION VI .. SPILL OR LEAK PROCEDURES

HIGHWAY OR RAILWAY SPILLS - CALL CHEMTREC (800) 424-9300

PRECAUTIONS IN CASE OF RELEASE OR SPILL	Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain spill if it can be done safely. Keep all sources of ignition away.
WASTE DISPOSAL METHOD	Dispose of product in accordance with applicable local, county, state and Federal regulations.

SECTION VII .. STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS	Keep product containers cool, dry and away from sources of ignition. Use and store with adequate ventilation.
OTHER PRECAUTIONS	Personnel should avoid inhalation of vapors. Should contact be made, remove saturated clothing and flush with water.

SECTION VIII .. FIRE AND EXPLOSION HAZARD DATA

DOT FLAMMABILITY CLASSIFICATION	Flash Point 144° F / 62.23° C
EXTINGUISHING MEDIA	Use Foam, CO ₂ or dry chemical fire fighting apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS	Keep work areas free of hot metal surfaces and other sources of ignition.
HAZARDOUS POLYMERIZATION	The use of self-contained breathing apparatus is recommended for fire fighters. Avoid spreading burning liquid with water. Contact Fire Dept. immediately.

SECTION IX .. PHYSICAL DATA

APPROXIMATE BOILING RANGE 212°F		
Vapor Density: (AIR=1): 4.1		
EVAPORATION RATE: N-BU ACETATE=1: .06	Percent Volatile: 5%	Solubility in water: YES
SPECIFIC GRAVITY: Water=1: .901	Weight Per Gallon: 8 LBS.	
APPEARANCE AND ODOR: GREEN LIQUID WITH CHARACTERISTIC ODOR.		

SECTION X .. DOCUMENTARY INFORMATION

Product Code No. I-3	Issue date Nov-12	Prepared By: C.ROSS R.LUKICH
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