

MATERIAL HEALTH AND SAFETY BULLETIN

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
 Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766

PRODUCT: T-8 ELIMINATOR CHEMICAL NAME:	WARNING STATEMENT: DANGER: Contains corrosive materials. May cause burns to skin and eyes. Avoid eye and skin contact. Use in well ventilated areas. Harmful or fatal if swallowed. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE.
CAS NUMBER: (Not Applicable for Blends)	
DOT (Proper Shipping Name)	
<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
SODIUM HYDROXIDE	1310-73-2	2mg/m3	2-3%
TRI SODIUM PHOSPHATE	10101-89-0	N/A	1-2
BUTYL CELLOSOLVE	111-76-2	50A	10-15%
WATER/DETERGENT SOLUTION			75%-85%

* Threshold Limit Value

A, Osha B, ACGII C, See Section III D, Other Cal Osha

Section II .. EMERGENCY AND FIRST AID PROCEDURES

EMERGENCY: Have a physician call: LOS ANGELES POISON INFORMATION CENTER 24 Hrs.
(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: Respiratory tract irritation, lung inflammation, narcosis in high concentration, destruction of red blood cells, nausea, vomiting, liver damage.

CARCINOGEN:NTP IARC MONOGRAPHS OSHA

Butyl Cellosolve in subject to reporting requirements of SARA 313 and CFR 372

SECTION IV .. SPECIAL PROTECTION INFORMATION

RESPIRATORY	The use of respiratory protection depends on vapor concentration of the time-weighted
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PROTECTION (Specify Type)	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	Unstable _____ Conditions to avoid: Stable X 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	May Occur _____ Conditions to avoid: Will Not Occur X NONE
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	Keep product containers cool, dry and away from sources of ignition. Use and store with

STORING PRECAUTIONS	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 Range <input type="checkbox"/> 20° F. <input type="checkbox"/> 20° F. to 100° F. <input type="checkbox"/> 100° F. to 200° F. <input checked="" type="checkbox"/> Over 200° F. <input type="checkbox"/> None to Boiling
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 °F	Vapor Density: <input checked="" type="checkbox"/> Heavier <input type="checkbox"/> Lighter Than Air	
EVAPORATION RATE: <input type="checkbox"/> Faster <input checked="" type="checkbox"/> Slower Than Ether	Percent Volatile: 10-15%	Solubility in water: MISCIBLE
SPECIFIC GRAVITY: <input type="checkbox"/> Lighter <input checked="" type="checkbox"/> Heavier Than water	Weight Per Gallon: 10 LBS.	
APPEARANCE AND ODOR: DARK PINKISH WITH CHARACTERISTIC ODOR.		

SECTION X .. DOCUMENTARY INFORMATION

Product Code No. T-8	Issue date: 1/99	Prepared By: R.LUKICH
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All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.