



MATERIAL SAFETY DATA SHEET

LABORATORIES

320 37th Avenue • St. Charles, Illinois 60174 • To Reorder, Call 800-323-2594

PRODUCT IDENTIFICATION
UNITED 226
GROUTAGEOUS

USE / DESCRIPTION
Tile Grout Restorer

REVISION DATE
September 19, 2005

FOR MEDICAL AND
TRANSPORTATION EMERGENCIES:
INFOTRAC: 800-535-5053

HEALTH (0 = Maximum Safety) **1**
Always follow Label Directions and Cautions.
4 Extreme. 3 High. 2 Moderate. 1 Slight. 0 Minimal.
See Health Hazard Data Section of this M.S.D.S. for more detailed information.

REACTIVITY (0 = Maximum Safety) **0**
Susceptible to Release of Energy.
4 May detonate-vacate area if Materials are exposed to fire.
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.
2 Violent chemical change possible-use hose stream from distance
1 Unstable if heated-use precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) **0**
Susceptibility of Material to Burning.
4 Extremely flammable. 1 Must be preheated to burn.
3 Ignites at normal temperature. 0 Will not burn.
2 Ignites when moderately heated.

PERSONAL PROTECTION



HAZARDOUS COMPONENTS
IDENTITY, EXPOSURE LIMITS AND S.A.R.A. TITLE III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TWA	ACGIH STEL	OSHA PEL	OTHER RECOMMENDED LIMITS	S.A.R.A. TITLE III QUANTITIES
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In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous at the levels at which they appear.

This product does not contain materials reportable under SARA Title III Section 313.

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT 210°F	SPECIFIC GRAVITY (H₂O = 1) 1.31
VAPOR PRESSURE (mm Hg.) (At 77° F.) Not determined	MELTING POINT Below 32°F
VAPOR DENSITY (Air = 1) Not determined	EVAPORATION RATE (Water = 1) Not determined
SOLUBILITY IN WATER Dispersible	VOLATILE ORGANIC COMPOUNDS (V.O.C.) (Pounds Per Quart Of Product) None
APPEARANCE AND ODOR Thick, white pourable solution with characteristic odor.	pH: 7.8

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) None to boiling point (PMCC)	FLAMMABLE LIMITS Not determined	LEL Not determined	UEL Not determined
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EXTINGUISHING MEDIA
Water, CO₂, dry chemical, foam

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None known

REACTIVITY DATA

STABILITY:	STABLE <input checked="" type="checkbox"/> UNSTABLE <input type="checkbox"/>	CONDITIONS TO AVOID None known
INCOMPATIBILITY (Materials To Avoid) Strong oxidizers		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS None known		
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR <input checked="" type="checkbox"/> MAY OCCUR <input type="checkbox"/>	CONDITIONS TO AVOID None known

HEALTH HAZARD DATA

HEALTH HAZARDS EYES: May cause moderate irritation SKIN: Repeated contact may cause dryness of skin. INHALATION: No hazard by this route in normal use.		
IF SWALLOWED: Swallowing large amounts may be harmful.		
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No
This product contains a chemical known to the state of California to cause cancer or reproductive toxicity? No		
SIGNS AND SYMPTOMS OF OVEREXPOSURE EYES: Irritation SKIN: Dryness, irritation INHALATION: Respiratory irritation IF SWALLOWED: Nausea, upset stomach, vomiting		

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE None known		
TARGET ORGANS: None known		
EMERGENCY AND FIRST AID PROCEDURES EYES: Flush with plenty of water for at least 15 minutes. If irritation persists, call a physician or poison center. SKIN: Wash with soap and water.		
If irritation persists, call a physician or poison center. INHALATION: Remove to fresh air. If irritation persists, call a physician or poison center.		
IF SWALLOWED: Give 1 to 2 glasses of milk. Never give anything by mouth to an unconscious person. Call a physician or poison center immediately.		

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Use absorbent material to collect and contain for proper disposal.		
WASTE DISPOSAL METHOD Consult local, state and federal authorities for proper disposal guidelines.		
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep containers tightly closed when not in use. Store in a cool, dry place. Do not let containers freeze as they may split or rupture.		

CONTROL MEASURES FOR USE WHERE SIGNIFICANT EYE, SKIN OR INHALATION EXPOSURE IS LIKELY

RESPIRATORY PROTECTION (Specify Type) Normally not required		
VENTILATION:	MECHANICAL (General) Provide adequate ventilation	LOCAL EXHAUST Generally adequate
PROTECTIVE GLOVES Chemical resistant gloves	EYE PROTECTION Chemical safety glasses	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Avoid contact by wearing impervious clothing		
WORK HYGENIC PRACTICES Wash hands and face with soap and water after using this product.		