

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GLAZOL
PRODUCT CODE: 155

HMS CODES: H F R P
1 1 0

SECTION 1 – MANUFACTURER IDENTIFICATION

MANUFACTURE'S NAME: UNITED GILSONITE LABORATORIES
ADDRESS: 1396 JEFFERSON AVENUE
SCRANTON, PA 18509

EMERGENCY PHONE: (800) 424-9300
INFORMATION PHONE: (570) 344-1202
NAME OF PREPARER: R. BARAKO

DATE REVISED: MARCH 2006
SUPERSEDES: AUGUST 2001

SECTION II – HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mmHg@TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
SOYBEAN OIL BLEND	PROPRIET	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	10
POLYBUTENE	9003-29-6	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	<5
STODDARD SOLVENT	8052-41-3	100PPM	100PPM	100PPM	3.0 (68F)	<5
GROUND LIMESTONE	1317-65-3	15 MG/CM	10 MG/CM	NOT ESTAB	N/A	80
QUATERNARY AMMONIUM MONTMORILLONITE	68953-58-2	NOT ESTAB	NOT ESTAB	NOT ESTAB	N/A	<5

No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 308 –396F
VAPOR DENSITY: HEAVIER THAN AIR
COATING VOC: 0.26 LB/GAL (32 G/L)
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: WHITE TO TAN PASTE

SPECIFIC GRAVITY (H₂O =1) 2.1
EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 104F
FLAMMABLE LIMITS IN AIR BY VOLUME: METHOD USED: SETA CC
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG
SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERRED. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

SECTION V – REACTIVITY DATA

STABILITY: PRODUCT IS STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAMES, HIGH TEMPERATURES.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: FUMES, SMOKE, CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES AND OTHER DECOMPOSITION BY PRODUCTS IN CASE OF INCOMPLETE COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EXCESSIVE EXPOSURE TO VAPORS CAN RESULT IN HEADACHE, DIZZINESS, INCOORDINATION, NAUSEA, AND LOSS OF CONSCIOUSNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: THIS MATERIAL MAY BE AN EYE IRRITANT.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: THIS MATERIAL MAY CAUSE DEFATTING AND IRRITATION OF THE SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY PRODUCE SIGNS OF INTOXICATION CHARACTERIZED BY INCOORDINATION, DIZZINESS, DROWINESS, HEADACHE, NAUSEA, MENTAL CONFUSION DEPENDING UPON THE AMOUNT OF MATERIAL INGESTED.

HEALTH HAZARDS (ACUTE AND CHRONIC): REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND CENTRAL NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE VAPORS OF THIS PRODUCT MAY BE HARMFUL OR FATAL.

CARCINOGENICITY: **NTP?** NO **IARC MONOGRAPHS?** NO **OSHA REGULATED?** NO
NONE OF THE COMPONENTS USED IN THIS PRODUCT ARE LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: KIDNEY DISEASES, RESPIRATORY ILLNESSES, SKIN ALLERGIES.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.

SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. REMOVE CONTAMINATED CLOTHING.

INGESTION: SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSEY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH THE HEAD DOWN. CONTACT A PHYSICIAN, MEDICAL FACILITY OR POISON CONTROL CENTER FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING.

INHALATION: REMOVE VICTIM TO FRESH AIR.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ANY SOURCE OF IGNITION. PROVIDE ADEQUATE VENTILATION.

WASTE DISPOSAL METHOD: USING NON SPARKING TOOLS SCRAPE UP MATERIAL AND STORE IN A CLOSED METAL CONTAINER. DISPOSE OF IN APPROVED SITES ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID STORAGE AT TEMPERATURES GREATER THAN 90F OR NEAR HEAT, SPARKS, ELECTRICAL EQUIPMENT OR OPEN FLAMES.

OTHER PRECAUTIONS: AVOID PROLONGED BREATHING OF VAPORS OR CONTACT WITH SKIN. TO AVOID SPONTANEOUS COMBUSTION DURING TEMPORARY STORAGE, SOAK SOILED RAGS AND WASTE IMMEDIATELY AFTER USE IN A WATER FILLED CLOSED METAL CONTAINER.

SECTIONS VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: IF NECESSARY, USE A NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES.

VENTILATION: USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO MAINTAIN EXPOSURE LEVELS BELOW THAT LISTED IN SECTION II.

PROTECTIVE GLOVES: IF NECESSARY, USE NEOPRENE RUBBER GLOVES TO PREVENT SKIN CONTACT.

EYE PROTECTION: IF NECESSARY, USE CHEMICAL SAFETY EYEWEAR.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK / HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING OR USING WASH ROOM.

SECTION IX – DISCLAIMER

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