

MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER INFORMATION

MANUF / DIST: DETAILS MANUFACTURING & DISTRIBUTING
814 SOUTH DUFF AVE
AMES, IOWA 50010

PREPARER/CONTACT: LUKE STAGG

PHONE: 515-233-6555

MEDICAL/CHEMICAL EMERGENCY 24 HOURS INFOTRAC 800-535-5053

TRADE NAME / SYNONYMS. . . : SATIN

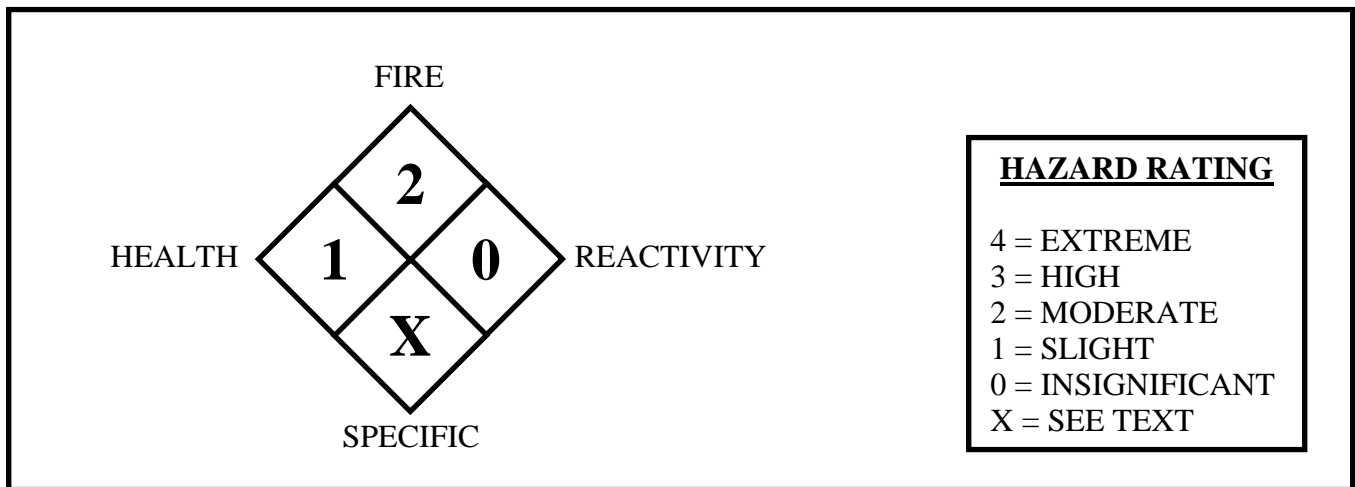
CHEMICAL NAME / SYNONYMS: NOT APPLICABLE

CHEMICAL FAMILY. : NOT APPLICABLE

FORMULA. : Proprietary

PRODUCT CODE. : SN1,5,55

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM:



SECTION 2 - HAZARDOUS INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29§1910.1200 (i)-(13) Page 372

CHEMICAL / COMMON NAME	CAS#	PERCENTAGE	PEL-OSHA	TLV-ACGIH
Ethylene Glycol	107-21-1	>1	NE	50PPM

THIS PRODUCT HAS NO CARCINOGENS (IARC, OSHA, IARC)

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic):

Acute:

- a) Eyes -Can cause severe irritation, redness, tearing, blurred vision.

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- b) Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
- c) Inhalation - Mild irritation.
- d) Ingestion - Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

Chronic

- a) Inhalation may Increase susceptibility to respiratory illness.

PRIMARY ROUTES OF ENTRY:

- a) Skin
- b) Inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

EMERGENCY FIRST AID PROCEDURES:

- a) Skin - Immediately flush skin with lots of running water for at least 30 minutes. Remove contaminated clothing and shoes. Wash before reuse.
- b) Eyes - Flush immediately with large quantities of running water for at least 15 minutes. Consult physician.
- c) Inhalation - If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
- D) Ingestion - Do not induce vomiting. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F) : >212	SPECIFIC GRAVITY (WATER=1) : 1.000
VAPOR PRESSURE (mmHg) : < 25	PERCENT VOLATILE BY VOLUME (%) . : 78.00
VAPOR DENSITY (AIR=1) : 0.6	EVAPORATION RATE (WATER=1) : >1

SOLUBILITY IN WATER: 100%.

APPEARANCE AND ODOR INFORMATION: Milky white with a slight industrial plastic odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None FLAMMABLE LIMITS: Lel= N/A UEL= N/A

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EXTINGUISHING MEDIA: Product is not a fire hazard, but it's residue can burn, after water evaporates. In case of fire use water spray, carbon dioxide, alcohol type foam applied by manufactures recommended techniques. Keep containers cool with water spray using fog nozzles.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

INCOMPATIBILITY (Material To Avoid):
Salt solutions or acids may coagulate the product.

HAZARDOUS DECOMPOSITION PRODUCTS:
After water evaporates, residue may burn to give oxides of carbon and traces of hydrocarbons.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID FOR POLYMERIZATION: N/A

THIS PRODUCT IS STABLE

CONDITIONS TO AVOID FOR STABILITY: N/A

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Avoid contact with alkalis, glass, concrete and other silicone containing materials, metals and many other materials including rubber, leather, and certain organic substances.

WASTE DISPOSAL METHODS: Dispose of according to local, state and federal regulations for products containing organic polymers.

SECTION 7 - EXPOSURE CONTROL INFORMATION ALKALINE PRODUCT

VENTILATION:

LOCAL EXHAUST: Below TLV(s)

MECHANICAL (General) : Explosion Proof

SPECIAL: N/A

OTHER: N/A

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RESPIRATORY PROTECTION:

An appropriate NIOSH approved hydrocarbon canister or respirator for organic vapor should be worn if needed.

PROTECTIVE GLOVES:

Wear - resistant gloves such as nitrile rubber, PVC , etc..

OTHER PROTECTIVE EQUIPMENT:

Eye wash and quick drench facilities.

OTHER ENGINEERING CONTROLS: None Known

WORK PRACTICES:

Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product. Provide adequate ventilation.

HYGIENIC PRACTICES:

Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reused.

SECTION 8 - SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 120 degrees F.
- b) Do not store near acids or acidic materials and oxidizers.

MAINTENANCE PRECAUTIONS:

When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS:

Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

SHIPPING INFO, UN/NA #'s, Secondary container label INFO NECESSARY OR SUGGESTED:

KEEP OUT OF THE REACH OF CHILDREN!