

SECTION I PRODUCT IDENTIFICATION

TRADE NAME (as labeled): TECHNIF 820 HS SECONDARY ADDITIVE

CHEMICAL NAMES, COMMON NAMES: Propylene Glycol

MANUFACTURER'S NAME & ADDRESS: PRODUCT CODE NO.: 330600

TECHNIC, INC.

1 SPECTACLE STREET NAME OF PREPARER: WILLIAM A. WILSON

CRANSTON, RI 02910

EMERGENCY PHONE: (401) 781-6100 DATE PREPARED: December 19, 2000

24 hour Emergency: Chem Trec 1-800-424-9300

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAMES CAS NUMBER PERCENT EXPOSURE LIMITS

Propylene Glycol 57-55-6 >99% TLV = None Established



This product is not regulated as a toxic chemical under Section 313 of Title III/SARA, and 40 CFR, Part 372.

This product is not regulated by the California Proposition 65 list.

All ingredients are listed with the TSCA inventory.

For purposes of the New Jersey Right to Know Law, the contents are partially unknown.

SECTION III PHYSICAL PROPERTIES

VAPOR DENSITY (AIR=1): 2.6 SPECIFIC GRAVITY: 1.04

VAPOR PRESSURE (mm Hg): 0.08 mm Hg MELTING POINT (degrees F): N.A.

EVAPORATION RATE (BUTYL ACETATE=1): N.D. BOILING POINT (degrees F): 365°F

SOLUBILITY IN WATER: Complete pH: = N.D.

APPEARANCE AND ODOR: Brown liquid; no appreciable odor.

SECTION IV FIRE AND EXPLOSION

FLASH POINT (°F) (METHOD USED): 211°F TCC

AUTOIGNITION TEMPERATURE, F: 700°F

FLAMMABLE LIMITS IN AIR, VOLUME %: LOWER LIMIT 2.4% UPPER LIMIT 17.4%

FIRE EXTINGUISHING MATERIALS: Use media appropriate for the surrounding fire.

WATER SPRAY CARBON DIOXIDE OTHER:

FOAM DRY CHEMICAL

Special Firefighting Procedures: Wear a NIOSH/MSHA approved, self-contained breathing apparatus with full face shield operated in positive pressure mode and full protective gear if fully involved in a fire.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat from fire can generate flammable vapor. When mixed with air and exposed to an ignition source, vapors may burn in open or can explode if confined. Aqueous solutions greater than 22% by weight if heated sufficiently will produce flammable vapors.

SECTION V HEALTH HAZARD INFORMATION

SYMPTOMS OF OVER-EXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE.

INHALATION: No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of inhalation exposure.

CONTACT WITH SKIN OR EYES: May cause minor eye irritation. Not a skin irritant.

ABSORBED THROUGH SKIN: No.

SWALLOWED: No significant signs or symptoms indicative of any adverse health effects are expected to occur as a result of ingestion.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. EXPLAIN IN LAY TERMS. ATTACH EXTRA PAGE IF MORE SPACE IS NEEDED.

ACUTE: This material or its emissions may aggravate pre-existing eye disease.

CHRONIC: No chronic health hazards are expected to occur from anticipated conditions of normal use of this material.

FIRST AID: EMERGENCY PROCEDURES

EYE CONTACT: Flush eyes with water (under lids) for 20 - 30 minutes or longer. Get immediate medical attention.

SKIN CONTACT: Remove contaminated clothing and shoes. Wash with soap and water. If irritation develops, consult physician.

INHALED: Remove patient to fresh air. Maintain respiration. Seek medical attention if breathing is difficult.

SWALLOWED: If conscious, give 2 glasses of water to dilute. Call physician or poison control center immediately. Not expected to present a significant ingestion hazard.

SUSPECTED CANCER AGENT? X NO YES

SECTION VI REACTIVITY DATA

Stability: X Stable
Unstable

CONDITIONS TO AVOID: High temperatures, oxidizing conditions.

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INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Carbon oxides.

HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID: None.

SECTION VII SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Confine spill. If spill is large, pump as much liquid as possible into suitable container for disposal. Absorb small spills or large spill residues on suitable material (sawdust, clays, etc.). Shovel into containers and treat as solid waste. Incinerate in accordance with local, state and federal regulations. Walking may be slippery. Wash with water but do not allow to enter a sewer or water supply.

WASTE DISPOSAL: SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL

ENVIRONMENTAL CONTROL REGULATIONS.

SECTION VIII SPECIAL HANDLING INFORMATION

VENTILATION: General exhaust.

RESPIRATORY PROTECTION: If necessary, wear a NIOSH/MSHA approved mist/spray respirator.

EYE PROTECTION: Chemical goggles.

GLOVES: Rubber gloves.

OTHER CLOTHING AND EQUIPMENT: Rubber apron is optional.

WORK PRACTICES, HYGIENIC PRACTICES: Wash thoroughly after handling and before eating or smoking.

OTHER HANDLING AND STORAGE REQUIREMENTS: Store in a cool, dry place.

Store in tightly closed containers away from strong

oxidizing agents.

Dispose of containers in accordance with local, state and federal regulations.

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