

MATERIAL SAFETY DATA SHEET

SANIGEL

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SECTION I: PRODUCT INFORMATION

TRADE NAME: Instant Hand Sanitizer
SUPPLIER/MANUFACTURER: Packlin Laboratories 145 Union St. Holbrook, Ma. 02343 781-963-9400
PREPARATION 11-11-09
PRODUCT USE: ALCOHOL-BASED HAND SANITIZER WITH MOISTURIZERS
PRODUCT IDENTITY: Mixture

SECTION II: HAZARDOUS INGREDIENTS

Table with 6 columns: HAZARDOUS CHEMICAL IDENTITY, CAS# / OSHA PEL, ACGIH TLV, OTHER LIMITS RECOMMENDED, %(OPTIONAL). Row 1: ETHYL ALCOHOL (ETHANOL), 64-17-5, 1000 ppm, 1000 ppm, OSHA-TWA 1000 ppm, 62%

SECTION III: PHYSICAL DATA

BOILING POINT: 176 °F
VAPOR PRESSURE (mm Hg): 40
VAPOR DENSITY (AIR = 1): >1
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY (H2O=1): .886
MELTING POINT: N/A
EVAPORATION RATE (BUTYL ACETATE = 1): >1
APPEARANCE AND ODOR: CLEAR COLOR, ALCOHOL ODOR

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: N/A
FLASH POINT (METHOD USED): 70 °F +
UNUSUAL FIRE AND EXPLOSION HAZARDS: IF HEATED, VAPOR MAY BE FLAMMABLE. CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS.
LEL: 3.3%
UEL: 19%
EXTINGUISHING MEDIA: CO2 OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: APPROVED RESPIRATORS SHOULD BE WORN. WATER SPRAY TO COOL EQUIPMENT.
NFPA CODE: BLUE-1, RED-3, YELLOW-0

SECTION V: REACTIVITY DATA

CHEMICAL STABILITY: STABLE
NAME OF ANY SUBSTANCE OR CLASS OF SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: CO2 MAY BE FORMED DURING COMBUSTION
INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS
HAZARDOUS DEPOLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: NO SKIN: NO INGESTION: YES EYES: YES
HEALTH HAZARDS (ACUTE AND CHRONIC): NONE
CARCINOGENICITY: NO NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
SIGNS AND SYMPTOMS OF EXPOSURE: MILD EYE IRRITATION
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT.
EMERGENCY AND FIRST AID PROCEDURES:
INGESTION: DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.
EYES: FLUSH WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.

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**SECTION VII: PREVENTATIVE MEASURES**

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PERSONAL PROTECTIVE EQUIPMENT:

ENGINEERING CONTROLS:

PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Sweep up

WASTE DISPOSAL: In accordance with Municipal & Provincial regulations

HANDLING PROCEDURES AND EQUIPMENT: Normal

STORAGE REQUIREMENTS: Normal

SPECIAL SHIPPING/TRASPORTATION OF DANGEROUS GOODS: Not regulated.

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**SECTION VIII: FIRST AID MEASURES**

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IN CASE OF EYE CONTACT: Flush with water. Consult physician.

IF INGESTED: Obtain medical attention.

PHYSICIAN: Contains Alcohol

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**SPECIAL PRECAUTIONS**

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One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human - system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

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**DISCLAIMER OF LIABILITY**

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim all expressed or implied warranties of merchantability or of liability from the use of this product. The information contained herein, as of this date, is believed to be true and accurate, but it is the user's obligation to study the MSDS and determine the conditions for the safe use of this product.

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