

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: **TRIPLE S INSTANT HAND SANITIZER**

PRODUCT USE: **ALCOHOL-BASED HAND SANITIZER**

MANUFACTURED FOR:  
**TRIPLE S**  
 2 EXECUTIVE PARK DRIVE  
 BILLERICA, MA 01862

MEDICAL EMERGENCY TELEPHONE NUMBER: 888-779-1339  
 TELEPHONE NUMBER FOR INFORMATION: 800-323-2251

DATE PREPARED: 2/04/98

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
ETHYL ALCOHOL (ETHANOL)	64-17-5	1000 ppm	1000 ppm	OSHA-TA 1000 ppm	

THIS COMPOUND OR ANY OF ITS INGREDIENTS ARE NOT LISTED BY OSHA, NTP OR IARC AS A CARCINOGEN OR POTENTIAL CARCINOGEN, NOR DO THEY HAVE ESTABLISHED OSHA PELS OR ACGIH TLVS, EXCEPT AS LISTED ABOVE.

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 178°F  
 VAPOR PRESSURE (mm Hg): 40  
 VAPOR DENSITY (AIR = 1): >1  
 SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): .888  
 MELTING POINT: N/A  
 EVAPORATION RATE (BUTYL ACETATE = 1): >1  
 APPEARANCE AND ODOR: CLEAR COLOR,  
 ALCOHOL FRAGRANCE

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 70 F+ (TCC) LEL: 3.3% EXTINGUISHING MEDIA: CO2 OR DRY CHEMICAL  
 FLAMMABLE LIMITS: N/A UEL: 19% SPECIAL FIRE FIGHTING PROCEDURES: APPROVED RESPIRATORS SHOULD BE WORN. WATER SPRAY TO COOL EQUIPMENT.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS:  
 IF HEATED, VAPOR MAY BE FLAMMABLE. CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS.

## SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY:  STABLE  UNSTABLE HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO2 MAY BE FORMED DURING COMBUSTION.  
 CONDITIONS TO AVOID: OPEN FLAMES, SPARKS, OXIDIZING AGENTS  
 HAZARDOUS DEPOLYMERIZATION:  MAY OCCUR  WILL NOT OCCUR  
 CONDITIONS TO AVOID: NONE  
 INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS

## SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION:  YES  NO SKIN:  YES  NO INGESTION:  YES  NO EYES:  YES  NO  
 HEALTH HAZARDS (ACUTE AND CHRONIC): NONE  
 CARCINOGENICITY:  YES  NO NTP:  YES  NO IARC MONOGRAPHS:  YES  NO OSHA REGULATED:  YES  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 EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. FLUSH WITH WATER.  
 WASTE DISPOSAL METHOD: LANDFILL WITHIN ALL LOCAL, STATE AND FEDERAL LAWS  
 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID HEAT, MAY BUILD PRESSURE, VAPOR MAY BE FLAMMABLE. KEEP AWAY FROM IGNITION SOURCES.

OTHER PRECAUTIONS: NONE

## SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE VENTILATION: LOCAL EXHAUST: NONE MECHANICAL: NONE  
 SPECIAL: NONE OTHER: NONE  
 PROTECTIVE GLOVES: NONE EYE PROTECTION: YES  
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE  
 WORK/HYGIENIC PRACTICES: NORMAL CLEANLINESS

MSD3333.DOC 2/03/98

