

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME **WINTERFOAM INSTANT HAND SANITIZER 67941POL**

PRODUCT USE: QUATERNARY BASED HAND SANITIZER WITH 30 % ALCOHOL

MANUFACTURED FOR:
DICKSON ENTERPRISES
536 N. PARK RD
LA GRANGE PARK, IL 60526

24 HR. EMERGENCY TELEPHONE NUMBER: 800-424-9300
TELEPHONE NUMBER FOR INFORMATION: 513-527-5500

DATE PREPARED: 3/18/10

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>HAZARDOUS CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>	<u>% (OPTIONAL)</u>
EHTYL ALCOHOL (ETHANOL)	64-17-5	1000 ppm	1000 ppm	OSHA-TWA 1000 ppm	30.0 %

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: *N/A*
VAPOR PRESSURE (mm Hg): *N/A*
VAPOR DENSITY (AIR = 1): *>1*
SOLUBILITY IN WATER: *COMPLETE*

SPECIFIC GRAVITY (H₂O = 1): *1.0*
MELTING POINT: *N/A*
EVAPORATION RATE (BUTYL ACETATE = 1): *>1*
APPEARANCE AND ODOR: *CLEAR COLOR,
ALCOHOL ODOR*

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): *N/A*

LEL: *N/A*

EXTINGUISHING MEDIA: *CO₂ OR DRY CHEMICAL*

FLAMMABLE LIMITS: *N/A*

UEL: *N/A*

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 OF BY-PRODUCTS: *CO₂ MAY BE FORMED
DURING COMBUSTION.*

CONDITIONS TO AVOID: *OPEN FLAMES, SPARKS, OXIDIZING AGENTS*

INCOMPATIBILITY (MATERIALS TO AVOID): *OXIDIZING AGENTS*

HAZARDOUS DEPOLYMERIZATION: MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID: *NONE*

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: GIVE 3-4 GLASSES WATER. *DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.*

EYES: *FLUSH 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.*

OTHER PRECAUTIONS: *KEEP AWAY FROM IGNITION SOURCES.*

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): *NONE*

VENTILATION:

LOCAL EXHAUST: *NONE*
SPECIAL: *NONE*

MECHANICAL: *NONE*
OTHER: *NONE*

PROTECTIVE GLOVES: *NONE* EYE PROTECTION: *NO*

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: *NONE*

WORK/HYGENIC PRACTICES: *NORMAL CLEANLINESS*