



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/16/2012  
 DATE PRINTED: 04/16/2012

REVISION NUMBER: 6  
 PREPARED BY: EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

**PRODUCT NAME:** **HAND SAN - Hand Sanitizer**  
**PRODUCT CODE:** 118191

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

**Health:** 1/1 **Fire:** 4/4  
**Reactivity:** 0/0 **Special/Protective Equipment:** None/A

**NAME OF THE MANUFACTURER:** Rochester Midland Corporation Emergency Phone:  
155 Paragon Drive INFOTRAC: 1-800-535-5053  
Rochester, New York 14624 OUTSIDE US: 1-352-323-3500  
USA

### 2. HAZARDS IDENTIFICATION

**EFFECTS FROM ACUTE EXPOSURE:**

**INGESTION:** Large amounts may cause irritation, nausea, diarrhea. Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting.  
**SKIN CONTACT:** Possible dryness; irritation with prolonged contact.  
**INHALATION:** Inhalation of spray mist may be irritating. Excessive inhalation causes headache, dizziness, nausea and incoordination.  
**EYE CONTACT:** Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.  
**CHRONIC EFFECTS:** None known.  
**EFFECTS/CARCINOGENICITY:** None listed under OSHA, IARC, or NTP.  
**ROUTES OF ENTRY:** Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
ETHANOL 64-17-5	< 63	1000 ppm	1000 ppm 1900 mg/m <sup>3</sup>

### 4. FIRST AID MEASURES

**INGESTION:** Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Never give anything by mouth to an unconscious person.  
**SKIN:** Rinse thoroughly with water. Get medical attention if irritation persists.  
**INHALATION:** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.  
**EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.  
**NOTES TO PHYSICIAN:** None.

### 5. FIRE AND EXPLOSION HAZARD DATA

# HAND SAN - Hand Sanitizer

## 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): 60° F (C): 15.6° C
METHOD:	PMCC
FLAMMABLE LIMITS IN AIR	
LOWER (%):	No data
UPPER (%):	No data
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is expected; material has a flash point below 200° F.
SUITABLE EXTINGUISHING MEDIA:	Carbon Dioxide, Dry Chemicals, Foam.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

#### SMALL SPILLS:

Reclaim as much as possible.

#### LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Keep out of drains, sewers, streams, or other bodies of water.

### PERSONAL PRECAUTIONS:

Not applicable

### ENVIRONMENTAL PRECAUTIONS:

Not applicable

### METHODS FOR CLEANING UP:

Not applicable

## 7. HANDLING AND STORAGE

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

DANGER: Highly flammable.

Keep away from heat and sources of ignition. Do not breathe mist or vapors. Avoid contact with eyes. Empty containers may contain product residue. Store in a cool, dry area.

Keep container closed when not in use. Observe proper grounding procedures to prevent fire hazard from static accumulation and discharge.

### OTHER PRECAUTIONS:

Read and follow label instructions. Keep out of reach of children.

### SPECIFIC USE(S):

Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT:



### EXPOSURE CONTROLS:

None known.

### RESPIRATORY PROTECTION:

None normally required. Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

### PROTECTIVE GLOVES:

For continuous occupational exposure, wear impervious gloves (rubber, nitrile, neoprene).

### EYE PROTECTION:

Safety glasses are recommended to minimize eye contact.

### OTHER PERSONAL PROTECTION

None required. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

### EQUIPMENT:

### VENTILATION:

General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE AND ODOR:

Clear, blue liquid. Pleasant odor.

### BOILING POINT (F):

> 150° F

(C) 65.6° C

### VAPOR PRESSURE:

Not determined

### VAPOR DENSITY (AIR=1):

Not determined

### SOLUBILITY IN WATER:

Complete

### SPECIFIC GRAVITY:

0.9

### VOC Content (%):

Not determined

# HAND SAN - Hand Sanitizer

## 9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE: Not determined  
PH: 8.0

## 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE  
POLYMERIZATION: Will Not Occur.  
HAZARDOUS DECOMPOSITION: Carbon Dioxide. Carbon Monoxide.  
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with: Strong acids and oxidizers.  
CONDITIONS/HAZARDS TO AVOID: High temperatures may cause decomposition.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established  
EFFECTS OF CHRONIC EXPOSURE: Not established.  
OTHER TOXIC EFFECTS: Not established.

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time.  
MOBILITY: Not applicable.  
PERSISTENCE/DEGRADABILITY: Not applicable  
BIOACCUMULATIVE POTENTIAL: Not applicable  
OTHER ADVERSE EFFECTS: Not applicable

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
ETHANOL 64-17-5	< 63	Listed	Listed	Listed	Developmental

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
ETHANOL 64-17-5	< 63	Not Listed	Not Listed	Not Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
ETHANOL 64-17-5	< 63	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

## HAND SAN - Hand Sanitizer

---

PRODUCT COMPOSITION CAS#	%	NJRTK:
ETHANOL 64-17-5	< 63	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
ETHANOL 64-17-5	< 63	Listed

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*