



MATERIAL SAFETY DATA SHEET

REVISION DATE: 02/26/2010 REVISION NUMBER: 4
DATE PRINTED: 02/26/2010 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **SANOR CITRUS MIST 2000 CONCENTRATE**
PRODUCT CODE: 118905

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

Health: 2/2 Fire: 2/2
Reactivity: 0/0 Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621
Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Large amounts may cause irritation, nausea, diarrhea. Irritation of the mouth, throat, and stomach.
SKIN CONTACT: Possible dryness; irritation with prolonged contact.
INHALATION: None in normal use. Concentrated vapors may cause slight temporary respiratory irritation.
EYE CONTACT: Causes severe eye burns which may not be immediately painful or visible. Possible tissue damage.
CHRONIC EFFECTS: None expected in normal use. Repeated exposure may result in sensitization dermatitis.
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
Quaternary ammonium compounds 68424-85-1	1 - 20	Not applicable	Not applicable
ETHANOL 64-17-5	1 - 2	1000 ppm	1000 ppm 1900 mg/m ³
Detergents MIXTURE	45 - 75	Not applicable	Not applicable
Fragrance MIXTURE	10 - 40	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Do not induce vomiting. Drink two glasses of water. Call a physician. Never give anything by mouth to an unconscious person.
SKIN: Wash with soap and water. Flush skin with large amounts of water. If irritation persists, get medical attention.
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth.
EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
NOTES TO PHYSICIAN: None.

SANOR CITRUS MIST 2000 CONCENTRATE

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): 137° F (C): Not applicable
METHOD: TCC

FLAMMABLE LIMITS IN AIR

- LOWER (%): Not Applicable
- UPPER (%): Not Applicable

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

SENSITIVITY TO STATIC DISCHARGE:

SUITABLE EXTINGUISHING MEDIA:

FIRE FIGHTING PROCEDURES:

NO

Sensitivity to static discharge is not expected.

Water fog, carbon dioxide, foam, dry chemical.

Wear self-contained breathing equipment and rubber protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Flush with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with 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:

Store in a cool, dry area.

Keep container closed. Avoid contact with eyes, skin and clothing.

OTHER PRECAUTIONS:

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 required. None normally required.

PROTECTIVE GLOVES:

Rubber gloves.

EYE PROTECTION:

Safety Glasses. Goggles.

OTHER PERSONAL PROTECTION
EQUIPMENT:

None required.

VENTILATION:

None required. Use local exhaust ventilation as needed if spill occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Hazy. Light yellow liquid. Pleasant fragrance as labeled.

BOILING POINT (F):

212° F

(C) Not applicable

VAPOR PRESSURE:

15.7 mm Hg @ 22.2° C

VAPOR DENSITY (AIR=1):

0.625

SOLUBILITY IN WATER:

Not applicable

SPECIFIC GRAVITY:

0.992 - 1.002

VOC Content (%):

14 - 16 (EPA Method 24)

VOV Content (%):

No establecido

SANOR CITRUS MIST 2000 CONCENTRATE

9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE: (BuAc=1) 1.26
PH: 5.0 - 9.0

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Oxides of Carbon. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
CONDITIONS/HAZARDS TO AVOID: None.

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:
Quaternary ammonium compounds 68424-85-1	1 - 20	Not Listed	Listed	Not Listed	Not Listed
ETHANOL 64-17-5	1 - 2	Listed	Listed	Listed	Developmental
Detergents MIXTURE	45 - 75	Not Listed	Not Listed	Not Listed	Not Listed
Fragrance MIXTURE	10 - 40	Not Listed	Not Listed	Not Listed	Not Listed

SANOR CITRUS MIST 2000 CONCENTRATE

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Quaternary ammonium compounds 68424-85-1	1 - 20	Not Listed	Not Listed	Not Listed
ETHANOL 64-17-5	1 - 2	Not Listed	Not Listed	Not Listed
Detergents MIXTURE	45 - 75	Not Listed	Not Listed	Not Listed
Fragrance MIXTURE	10 - 40	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	1 - 2	Listed

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

PRODUCT COMPOSITION CAS#	%	NJRTK:
ETHANOL 64-17-5	1 - 2	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	1 - 2	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 ***