



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008
DATE PRINTED: 11/11/2008

REVISION NUMBER: 8
PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **SANOR GRAPE MIST CONCENTRATE**
PRODUCT CODE: 118195

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: Moderately toxic. May be fatal if swallowed. Severe burns to mucous membranes of mouth, throat and digestive tract.
SKIN CONTACT: Possible dryness; irritation with prolonged contact. May cause skin burns.
INHALATION: Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness.
EYE CONTACT: Causes severe eye irritation. May Cause Eye Burns. May cause permanent eye damage.
CHRONIC EFFECTS: Repeated exposure may result in sensitization dermatitis. Respiratory irritation.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP. Contains an ingredient which has been determined by NTP to be an animal carcinogen with no known relevance to humans.
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
Detergent blend MIXTURE	45-75	NA	NA
ETHANOL 64-17-5	1 - 2	1000 ppm	1000 ppm 1900 mg/m ³
Quaternary ammonium compounds 68424-85-1	< 10	NA	NA

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
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.

SANOR GRAPE MIST CONCENTRATE

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): 150 - 154 F (C): NA
METHOD: TCC

FLAMMABLE LIMITS IN AIR

- LOWER (%): NE
- UPPER (%): NE

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.

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Mop up all possible. Flush residue with water.

LARGE SPILLS:

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

PERSONAL PRECAUTIONS:

NA

ENVIRONMENTAL PRECAUTIONS:

NA

METHODS FOR CLEANING UP:

NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:

Use only with adequate ventilation. Do not store near heat, sparks or flame. Keep container closed when not in use. Store in a cool, dry area. Store in a well ventilated area. Do not store near oxidizing agents. Avoid contact with eyes, skin and clothing. Do not inhale vapors.

OTHER PRECAUTIONS:

Keep out of reach of children.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None normally required. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.

PROTECTIVE GLOVES:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Safety Glasses. Goggles.

OTHER PERSONAL PROTECTION

Appropriate protective clothing as needed to prevent skin contact.

EQUIPMENT:

VENTILATION:

Required when spraying large amounts or applying in confined area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Liquid. Pleasant fragrance as labeled. Clear to slightly hazy liquid.

SANOR GRAPE MIST CONCENTRATE

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	> 212 F	(C) NA
VAPOR PRESSURE:	NE	
VAPOR DENSITY (AIR=1):	> 1	
SOLUBILITY IN WATER:	NA	
SPECIFIC GRAVITY:	1.0 - 1.02	
VOC Content (%):	17 - 19 (EPA Method 24)	
VOV Content (%):	NE	
EVAPORATION RATE:	NE	
PH:	5.0 - 9.0	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	When heated to high temperatures, the following may be produced: Soot. Smoke. Carbon Monoxide. Traces of: Hydrogen chloride gas. Ammonia. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID):	Reducing agents. Strong oxidents, such as nitric acid, or hypochlorites.
CONDITIONS/HAZARDS TO AVOID:	Keep away from heat, sparks and flame. Extreme heat, direct sunlight.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	NE
EFFECTS OF CHRONIC EXPOSURE:	NE
OTHER TOXIC EFFECTS:	NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	NA
PERSISTENCE/DEGRADABILITY:	NA
BIOACCUMULATIVE POTENTIAL:	NA
OTHER ADVERSE EFFECTS:	NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
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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:
Detergent blend MIXTURE	45-75	Not Listed	Not Listed	Not Listed	Not Listed
ETHANOL 64-17-5	1 - 2	Listed	Listed	Listed	Developmental
Quaternary ammonium compounds 68424-85-1	< 10	Listed	Listed	Listed	Not Listed

SANOR GRAPE MIST CONCENTRATE

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

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
ETHANOL 64-17-5	1 - 2	Listed
Quaternary ammonium compounds 68424-85-1	< 10	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 ***