



MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012

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PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **FRESH AIRE CITRUS MIST CARTRIDGE**

PRODUCT CODE: 117998

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

Health: 1/1

Fire: 2/2

Reactivity: 0/0

Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624
USA

Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Harmful if swallowed.
SKIN CONTACT: Prolonged contact may lead to irritation and dermatitis.
INHALATION: Inhalation of spray mist may be irritating.
EYE CONTACT: Causes moderate eye irritation.
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
Ethyl Butyrate 105-54-4	0.85	Not applicable	Not applicable
Hexyl Acetate 142-92-7	0.50	Not applicable	Not applicable
Amyl acetate 628-63-7	0.30	50 ppm	100 ppm 525 mg/m ³
Methyl Salicylate 119-36-8	0.05	Not applicable	Not applicable
Cinnamic aldehyde 104-55-2	0.05	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: Drink several glasses of water or milk. Get immediate medical attention.
SKIN: Wash with soap and water. Remove contaminated clothing and launder before reuse.
INHALATION: Move person to fresh air.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: None.

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5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): 164° F (C): 73.3° C
METHOD:	TCC
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 not expected.
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. Containers can build up pressure if exposed to heat (fire). Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:	
SMALL SPILLS:	Pick up with absorbant material. Flush with water.
LARGE SPILLS:	Flush remainder with water. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.
PERSONAL PRECAUTIONS:	Remove all sources of ignition. Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN	Keep container closed when not in use. Store in a cool, dry area.
IN HANDLING AND STORAGE:	Store in a well ventilated area.
OTHER PRECAUTIONS:	Keep out of reach of children.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Ensure adequate ventilation, especially in confined areas.
RESPIRATORY PROTECTION:	None normally required.
PROTECTIVE GLOVES:	Chemical resistant gloves are recommended to minimize skin contact.
EYE PROTECTION:	Goggles. Face shield.
OTHER PERSONAL PROTECTION	Eyewash fountains and safety showers must be easily accessible.
EQUIPMENT:	
VENTILATION:	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear, orange liquid. Citrus odor.	
BOILING POINT (F):	Not determined	(C) Not determined
VAPOR PRESSURE:	Not determined	
VAPOR DENSITY (AIR=1):	Heavier	
SOLUBILITY IN WATER:	Insoluble	
SPECIFIC GRAVITY:	1.01 +/- 0.05	

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9. PHYSICAL AND CHEMICAL PROPERTIES

VOC Content (%): Not determined
EVAPORATION RATE: Not determined
PH: Not determined

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Carbon Dioxide. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID): Alkalines. Oxidizing materials.
CONDITIONS/HAZARDS TO AVOID: Extreme heat, direct sunlight. Avoid any source of ignition.

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:
Ethyl Butyrate 105-54-4	0.85	Listed	Not Listed	Listed	Not Listed
Hexyl Acetate 142-92-7	0.50	Listed	Not Listed	Listed	Not Listed
Amyl acetate 628-63-7	0.30	Listed	Listed	Listed	Not Listed
Methyl Salicylate 119-36-8	0.05	Listed	Not Listed	Listed	Not Listed
Cinnamic aldehyde 104-55-2	0.05	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Ethyl Butyrate 105-54-4	0.85	Not Listed	Not Listed	Not Listed
Hexyl Acetate 142-92-7	0.50	Not Listed	Not Listed	Not Listed
Amyl acetate 628-63-7	0.30	2270 kg 5000 lb	Not Listed	Not Listed
Methyl Salicylate 119-36-8	0.05	Not Listed	Not Listed	Not Listed
Cinnamic aldehyde 104-55-2	0.05	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Amyl acetate 628-63-7	0.30	Listed
Methyl Salicylate 119-36-8	0.05	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:
Ethyl Butyrate 105-54-4	0.85	Listed
Amyl acetate 628-63-7	0.30	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:
Ethyl Butyrate 105-54-4	0.85	Listed
Amyl acetate 628-63-7	0.30	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:
Ethyl Butyrate 105-54-4	0.85	Listed
Amyl acetate 628-63-7	0.30	Listed
Methyl Salicylate 119-36-8	0.05	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 ***