

MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/19/2012
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REVISION NUMBER: 5
PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **FRESH CARE LIQUID**
PRODUCT CODE: 118045

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/B

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

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Aspiration can be a hazard if this material is swallowed. May be harmful if swallowed. May cause central nervous system effects.
SKIN CONTACT: May cause mild skin irritation. Prolonged contact may lead to irritation and dermatitis.
INHALATION: Possible headache, nausea, dizziness, and other central nervous system effects.
EYE CONTACT: May cause mild eye irritation.
CHRONIC EFFECTS: Long term excessive exposure to solvent compounds may cause liver, kidney, blood cell, or central nervous system effects. Prolonged contact may cause dryness and irritation. Central nervous system disorders.
EFFECTS/CARCINOGENICITY: None known.
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
ACETONE 67-64-1	30 - 60	500 ppm	750 ppm
ETHANOL 64-17-5	3 - 7	1000 ppm	1000 ppm 1900 mg/m ³

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Aspiration hazard. Call a physician or Poison Control Center immediately.
SKIN: Remove contaminated clothing and launder before reuse. Flush skin with large amounts of water. If irritation persists, get medical attention.
INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
EYES: Immediately flush eyes with large amounts of water. Get immediate medical attention.
NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): < -6.667° C (C): Not determined
METHOD: PMCC

FRESH CARE LIQUID

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. Water may be ineffective.

FIRE FIGHTING PROCEDURES:

Highly flammable This product or a component thereof can flow along surfaces to reach a distant ignition source and flash back. Wear self-contained breathing equipment and rubber protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Pick up with absorbant material.

LARGE SPILLS:

Absorb onto sand, earth, or inert material. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Keep away from heat, sparks, or flame. Ensure recovery container is properly labelled.

PERSONAL PRECAUTIONS:

Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

ENVIRONMENTAL PRECAUTIONS:

Keep out of drains, sewers, streams, or other bodies of water.

METHODS FOR CLEANING UP:

Only trained and properly protected personnel must be involved in clean-up operations.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:

DANGER: Highly flammable.
Avoid contact with eyes, skin and clothing. Do not inhale vapors.
Store in a cool, dry area.
Do not store near heat, sparks or flame. Follow label directions carefully.
Keep out of reach of children.
Keep container closed when not in use. Do not contaminate water, food, or feed.

OTHER PRECAUTIONS:

None.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None normally required. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

PROTECTIVE GLOVES:

Chemical resistant gloves are recommended to minimize skin contact.

EYE PROTECTION:

Safety Glasses. Goggles.

OTHER PERSONAL PROTECTION

Eyewash fountains and safety showers must be easily accessible.

EQUIPMENT:

VENTILATION:

Not normally required. Mechanical ventilation as needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear yellow liquid. Floral scent. Alcohol scent.

BOILING POINT (F):

Not applicable

(C) 100° C

VAPOR PRESSURE:

Not established

VAPOR DENSITY (AIR=1):

> 1

SOLUBILITY IN WATER:

SOLUBLE

FRESH CARE LIQUID

9. PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: 0.923
VOC Content (%): 5.99
EVAPORATION RATE: NE
PH: 9.7 +/- 0.5

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: Carbon Dioxide. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials. Acids. Alkali metals.
CONDITIONS/HAZARDS TO AVOID: Open flames. Electric arcs.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: The product is not expected to be hazardous to the environment.
CHEMICAL FATE INFORMATION: The product is not expected to be hazardous to the environment.
MOBILITY: Not applicable.
PERSISTENCE/DEGRADABILITY: Not applicable
BIOACCUMULATIVE POTENTIAL: Not applicable
OTHER ADVERSE EFFECTS: Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

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:
ACETONE 67-64-1	30 - 60	Listed	Listed	Listed	Not Listed
ETHANOL 64-17-5	3 - 7	Listed	Listed	Listed	Developmental

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
ACETONE 67-64-1	30 - 60	2270 kg 5000 lb	Not Listed	Not Listed
ETHANOL 64-17-5	3 - 7	Not Listed	Not Listed	Not Listed

FRESH CARE LIQUID

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
ACETONE 67-64-1	30 - 60	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:
ACETONE 67-64-1	30 - 60	Listed
ETHANOL 64-17-5	3 - 7	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:
ACETONE 67-64-1	30 - 60	Listed
ETHANOL 64-17-5	3 - 7	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:
ACETONE 67-64-1	30 - 60	Listed
ETHANOL 64-17-5	3 - 7	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 ***