

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

**EMERGENCY #: CANUTEC (613) 996-6666**

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** C.I Berry Fresh

**EFFECTIVE DATE:** January 5, 2009

**WHMIS CLASS:** A, B5.

**T.D.G. CLASSIFICATION:** 3.1

**UN:** N/A      **CLASS:** N/A      **PG:** N/A

**MATERIAL USE:** Air freshener

### HAZARDOUS INGREDIENTS

<b>INGREDIENTS</b>	<b>CAS #</b>	<b>Wt%</b>	<b>ACGTH-TLV</b>	<b>LC50</b>	<b>LD50</b>
Propane	74-98-6	10-30%	1000ppm	N/A	N/A
Butane	106-97-8	10-30%	800ppm	N/A	N/A
2-Propanol	76-63-0	5-10%	400ppm	N/A	5g/kg Oral Rat

### PHYSICAL DATA

**BOILING POINT(°C):** 82

**VAPOUR PRESSURE (mm Hg):** 74

**VAPOUR DENSITY (Air=1):** >1

**SOLUBILITY IN WATER:** Nil

**PHYSICAL STATE:** Liquid

**pH (as supplied):** N/A

**APPEARANCE AND ODOUR:** Clear red liquid, pleasantly scented.

**COEF. OF WATER/OIL DIST.:** N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.12@20°C

**PERCENT VOLATILE (by vol.):** N/A

**EVAPORATION RATE (H<sub>2</sub>O=1):** Butyl Acetate>1

**ODOUR THRESHOLD:** N/A

**FREEZING POINT(°C):** N/A

### FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Flammable. Under conditions of heat, open flames, and source of ignition.

**FLASH POINT (Deg C method):** 12.0 T.O.C      **UEL:** 13      **LEL:** 2

**HAZARDOUS COMBUSTION PRODUCTS:** HCL, oxides of carbon, chlorine, and trace amounts of phosgene may be formed.

**MEANS OF EXTINCTION:** Water.

**SPECIAL FIREFIGHTING PROCEDURES:** Keep containers cool. Use shielding to protect personnel against bursting, rupturing, or venting containers.

### REACTIVITY DATA

**CONDITIONS FOR CHEMICAL INSTABILITY:** Avoid temperatures above 50°C.

**INCOMPATIBILITY:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None.

**REACTIVITY:** None.

### FIRST AID

**EYE:** Flush eyes with plenty of water (remove contact lenses), hold eyelids open and continue to flush with water for 15 minutes.

**SKIN:** Wash skin with water.

**INHALATION:** Remove to fresh air.

**INGESTION:** Do not induce vomiting. Get medical attention. Never give anything by mouth.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes contact ( ), Skin contact ( ), Skin absorption ( ), Inhalation ( ), Ingestion ( )

### EFFECTS OF ACUTE EXPOSURE:

**EYE:** May irritate eyes.

**SKIN:** May irritate skin.

**INHALATION:** Inhalation above TLV may cause headache, nausea, dizziness, loss of appetite, and unconsciousness.

**INGESTION:** Harmful if swallowed.

### EFFECTS OF CHRONIC EXPOSURE:

**SKIN:** May irritate skin.

**IRRITANCY:** Eye irritant.

**RESPIRATORY TRACT SENSITIZATION:** Not specified.

**CARCINOGENICITY:** Not specified.

**REPRODUCTIVE TOXIN:** Not specified.

**TERATOGENICITY:** Not specified.

**MUTAGENICITY:** Not specified.

**SYNERGISTIC MATERIALS:** Not specified.

**EXPOSURE LIMITS:** Not specified.

## PREVENTATIVE MEASURES

**GLOVES:** N/A

**EYE PROTECTION:** Safety glasses.

**RESPIRATORY PROTECTION:** N/A

**OTHER PROTECTIVE EQUIPMENT:** N/A

**ENGINEERING CONTROLS:** Local exhaust.

**LEAK AND SPILL PROCEDURE:** Remove source of ignition or heat. Ventilate the area.

**WASTE DISPOSAL:** Replace cap and discard container in trash. Do not puncture or incinerate.

**STORAGE REQUIREMENTS:** Store in a cool, dry area.

**HANDLING PROCEDURES:** Contents under pressure. Do not store where temperatures may exceed 50°C.

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE  
<=LESS THAN - >=MORE THAN

## HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
3	1	1	

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

**DISCLAIMER:** Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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