

# MSDS Information

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## Section 1.

## CHEMICAL PRODUCT SECTION

Product Name: EVAPORATOR ODOR CONTROL  
Product: #5909  
Date Prepared: 02-2012

Manufacturer: FJC

P. O. Box 499  
101 Commercial Drive  
Mooresville, NC 28115  
PH: 704-664-3587  
FAX: 704-664-5522

### For Chemical Emergency

Call INFOTRAC – 24 Hour Number  
**1-800-535-5053**  
Outside of United States  
Call 24 Hour Number  
**1-352-323-3500**

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## Section 2.

## COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient (s)	CAS Number	SARA III List	OSHA PEL (ppm)	AGGIH TLV(ppm)	CARCINOGEN REF SOURCE*
Ethanol	64-17-5	No	1000	1000	d
Sodium Nitrite	763 2-00-0	No	N/E	N/E	d
Isobutane	75-28-5	No	800	800	d
Ammonium Hydroxide	1336-21-6	No	35	25	d
Mehanol	67-56-1	Yes	200	200	d

\*Chemical listed as Carcinogen or Potential Carcinogen

(a) NTP (b) ARC Monograph (c) OSHA (d) Not Listed (e) Animal Data Only

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## Section 3.

## HAZARD IDENTIFICATION

Primary Route of Entry: Inhalation

Eyes: Mild Irritation

Skin: Possible Mild Irritation

Swallowing: Possible chemical pneumonitis if aspirated into lungs. Nausea

Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

#### Chronic Effects

(Effects due to excessive exposure to the raw materials of this mixture.)

Overexposure may cause kidney damage, liver abnormalities, brain damage.

#### Medical Conditions Generally Aggravated by Exposure

May aggravate existing eye, skin, or upper respiratory conditions;

#### Other Precautions &/or Special Hazards

**KEEP OUT OF REACH OF CHILDREN**

Avoid food contamination

Avoid Breathings vapors

Remove ignition sources

Do Not Use on Polished Wood Furniture or Rayon Fabrics

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### **Section 4:**

### **FIRST AID MEASURES**

#### Eyes:

Flush with water for 15 minutes holding eyelids apart. If irritated, seek immediate medical attention.

Skin: Wash with soap and water. If irritated, seek medical attention.

#### Swallowing:

Drink large glasses of water. DO NOT INDUCE VOMITING. Seek medical attention.

#### Inhalation:

Remove to fresh air. Resuscitate if necessary. Get medical attention.

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### **Section 5.**

### **FIRE FIGHTING MEASURES**

#### Flammability

As per USA FLAME PROJECTION TEST (aerosols)

Non-flammable

#### Flash Point and Method Used (non-aerosols)

Not applicable

#### Special Fire Fighting Procedures

Self-contained breathing apparatus

#### Extinguisher Media

Foam, dry chemical, carbon dioxide, water

#### Unusual Fire & Explosion Hazards

Do not expose aerosols to temperatures above 130°F or the container may rupture.

#### Auto Ignition Temperature

N/E

#### Flammability Limits in Air by % in Volume

% LEL

N/E

% UEL

N/E

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### Section 6

### ACCIDENTAL RELEASE MEASURES

#### Spill

Absorb with suitable medium. Incinerate or landfill according to local, state, or federal regulations.

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### Section 7

### HANDLING AND STORAGE

Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

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### Section 8

### EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Respiratory Protection (specify type)

If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.

#### Protective Gloves

Latex, if skin is easily irritated

#### Eye Protection

Safety glasses are recommended

#### Ventilation requirements

Adequate ventilation to keep vapor concentration below TLV

Hygienic Work Practices

Wash with soap and water before handling food

Other Protective Clothing & Equipment

None

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## **Section 9**

## **PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point

Not Applicable

Vapor Pressure

PSIG @ 70° F (Aerosols): Max.60

(Non=Aerosols) (mm Hg and Temperature): Not Applicable

Vapor Density

(Air = 1): N/E

Specific Gravity

(H<sup>2</sup>O=1): Concentrate Only – 0.880

Evaporation Rate

N/E

Color

Clear, colorless spray

Odor

Alcohol odor and citrus fragrance

Solubility in Water

Soluble

Water Reactive

No

Volatile Organic Compounds ( VOC)

Not Determined

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## **Section 10**

## **STABILITY AND REACTIVITY**

Hazardous Polymerization

Will not occur

Hazardous Decomposition  
CO, CO<sub>2</sub>

Chemical Stability  
Stable

Incompatibility (Mat. to avoid)  
Oxidants, reducing agents, ammonium salts

Conditions to Avoid  
Open flame, welding arcs, heat, sparks

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## Section 11

## TOXICOLOGY INFORMATION

### EFFECTS OF ACUTE EXPOSURE

#### Component Analysis

Ingredient	LD50 (oral)	LC50
Isobutane	Not available.	Not available.
Propane	Not available.	Not available.
Ethanol	7060 mg/kg, rat	20000 ppm 10hrs, rat

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin: May cause skin irritation. Handling can cause dry skin.

Ingestion: Not a normal route of exposure. Harmful: may cause lung damage if swallowed.

Inhalation: May cause respiratory tract irritation. May cause asphyxiation. This product may be aspirated into the lungs and cause chemical pneumonitis. Vapours may cause drowsiness and dizziness.

### EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: (Effects due to excessive exposure to the raw materials of this mixture) Overexposure may cause kidney damage, liver abnormalities or brain damage.

Carcinogenicity: Not hazardous by WHMIS/OSHA criteria.

<b>Ingredient</b>	<b>Chemical Listed as Carcinogen or Potential Carcinogen *</b>
Isobutane	Not listed.
Propane	Not listed.
Ethanol	Not listed.

\* See Section 15 for more information.

Mutagenicity: Hazardous by WHMIS/OSHA criteria.

Reproductive Effects: Not hazardous by WHMIS/OSHA  
criteria. Developmental Effects:

Teratogenicity: Not hazardous by WHMIS/OSHA criteria.

Embryotoxicity: Not hazardous by WHMIS/OSHA  
criteria. Respiratory Sensitization: Not hazardous by  
WHMIS/OSHA criteria. Skin Sensitization: Not hazardous by  
WHMIS/OSHA criteria. Toxicologically Synergistic Materials:  
Not available.

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## **Section 12**

## **ECOLOGICAL INFORMATION**

Ecotoxicity: May cause long-term adverse effects in the aquatic environment

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

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## **Section 13**

## **DISPOSAL CONSIDERATION**

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard. Dispose of in accordance with all applicable local, state, and federal regulations.

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## **Section 14**

## **TRANSPORTATION INFORMATION**

Container: 12 oz capacity tin plated aerosol can – filled to 9 ozs

NOS Component: None

US DOT Information:

Shipping Name: Consumer Commodity  
Product Label: Aerosol  
DOT Hazard Class: ORM-D  
UN/NA #: NA

ICAO/IATA

Shipping Name: Aerosol  
Shipping Class: 2.2  
UN/NA #: UN1950  
Exceptions: Can qualify for limited quantity under special provisions  
Other Information: Non-flammable

IMDG

Shipping Name: Aerosol  
Shipping Class: 2.2  
UN/NA#: UN1950  
Exceptions: Can qualify for limited quantity under special provisions  
Other Information: Non-flammable

Other Transportation Information

The Transport Information may vary with the container and mode of shipment.

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Section 15

REGULATORY INFORMATION

Federal Regulations

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.  
**US:** MSDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200).

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Section 16

OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. **However, neither FJC nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.** Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that

these are the only hazards which exist.