

MATERIAL SAFETY DATA SHEET

RA.043-00
Issue date: 02/10/03
Revision date:
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Identify (As Used on Label and List):
JOIMIST FIRM FINISHING SPRAY (80% VOC)

SECTION 1

GENERAL INFORMATION

Manufacturer's Name:

Manufactured for Joico Laboratories, Inc.

Emergency Telephone #: (800) 584-8038 - 24 hours

Address (Number, Street, City, State, & Zip Code):

100 TOKENEKE ROAD,
DARIEN, CT 06820

Information Telephone #: (203) 656-7859 – (Mon-Fri)

Prepared: 6/5/98

Current MSDS Update: 12/16/2005

SECTION 2

HAZARDOUS INGREDIENTS / HAZARD DATA

CHEMICAL NAME(S)	CAS NUMBER	% WT	TLV-TWA	PEL	OTHER LIMITS RECOMMENDED	HAZARDS
Ethyl Alcohol	64-17-5	63	N/A	1000 ppm	N/A	N/A
Isobutane	75-28-5	16	N/A	1000 ppm	N/A	N/A
Ethane, 1,1-Difluoro	75-37-6	14	1000 ppm	N/A	None Established	N/A

SECTION 3

PHYSICAL DATA

Boiling Point @ 760 mm Hg: 173°F

pH: N/D

Specific Gravity (H₂O = 1) or Bulk Density: @70°F = 0.800-0.810

Vapor Pressure mm Hg @ 20°C: can pressure @ 70°F = 60 psig

Percent Volatile by Weight (%): NA

Intensity: NA

Vapor Density (Air = 1): >1

Evaporation Rate (BuAc = 1): >1

Solubility in Water: Soluble.

Appearance and Odor: Clear, light straw liquid with a citrus fragrance.

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SECTION 4**FIRE AND EXPLOSION HAZARD DATA**

Flash Point °F (Test Method): -30°F (TCC)

Autoignition Temperature: NA

Flammability Limits in Air (%V) **LEL** = 1.8% **UEL** = 9.5%

Extinguishing Media: Carbon dioxide, foam, dry chemical, water

Special Fire Fighting Procedures: Keep temperature of container below 120°F by spraying with water until the fire has been extinguished.

Unusual Fire & Explosion Hazards: Containers may rupture and release flammable liquids and/or gases if exposed to heat of fire.

SECTION 5**REACTIVITY DATA**

Product Stability: Unstable Stable

Conditions to Avoid: Do not store containers in direct sunlight or where conditions will heat them above 120°F.

Chemical Incompatibility: Do not mix with strong oxidizers.

Hazardous Decomposition Products: Normal products of combustion.

Hazardous Polymerization: May Occur Will Not Occur

Conditions to Avoid: None known.

SECTION 6**HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE**

Route(s) of Entry: Ingestion Inhalation Skin

Health Hazards (Acute):

Skin Contact: Wash excess material with soap and water.

Eye Contact: Flush eyes with warm water for 10 minutes. Consult a physician if irritation occurs or worsens.

Inhalation: If inhaled excessively remove to fresh air.

Ingestion: Product is not likely to be ingested. If this occurs, treat symptomatically.

Chronic Effects of Overexposure: None when used as directed.

Toxicological Test Data: No results available.

This material is in compliance with the Toxic Substances Control Act.

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SECTION 7

EMERGENCY AND FIRST AID PROCEDURES

Skin: Wash affected area with water while removing contaminated clothing. Get immediate medical attention. Launder contaminated clothing before reuse.

Eyes: Flush eyes with generous amounts of water for at least 15 minutes. Get immediate medical attention.

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Dilute with water or milk and call a physician immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

Inhalation: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION 8

ENVIRONMENTAL DATA

Environmental Toxicity Data: NA

Spill or Leak Procedures: Leaking cans should be placed in an open container, outdoors, away from any source of ignition, until all pressure has been released.

Hazardous Substance Superfund: NA

Waste Disposal Method: Bury or incinerate in approved disposal facilities and in accordance with Federal, State, and Local regulations.

Hazardous waste 40CFR261: NA

Container Disposal: Empty containers may be disposed of as normal refuse. Recycle when possible. This container may be recycled in the few but growing communities where steel aerosol can recycling is available.

SECTION 9

SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH/MSHA – approved organic vapor respirator when vapors are generated above the permissible limit.

Ventilation: Local exhaust to control to recommend P.E.L.

Protective Clothing: Gloves, coveralls, aprons, boots – as necessary to prevent skin contact.

Eye Protection: Chemical goggles.

Other Precautions: Avoid excessive inhalation. Read and follow all label directions and cautions. Eyewash foundations should be easily accessible.

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SECTION 10

SHIPPING DATA

D.O.T. Proper Shipping Name: Consumer Commodity

Hazardous Substance 49 CFR CERCLA: N/A

D.O.T. Hazard Class: ORM-D

D.O.T. Labels Required: None

D.O.T. Placards Required: None

Poison Constituent: None

Bill of Landing Description: Consumer Commodity ORM-D

UN Code: UN 1950

SECTION 11

SUPPLIER INFORMATION

The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued. We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his particular use.

ABBREVIATIONS

NA (N/A): Not Available
UNK: Unknown
NE (N/E): Not Established
ND (N/D): Not Determined