

**Material Safety Data Sheet**  
**Mango DAF**

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Emergency Phone Number: (800) 231-0454

**DATE PREPARED:** 01/04/2013  
**REVISION DATE:** 04/30/2013  
**CHEM-TEL:** 800-225-3924  
**PRODUCT NUMBER:** 3400

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Mango DAF  
**PRODUCT CODE:** 3400  
**PRODUCT USE:** Air Freshener

**SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Isoparaffinic Hydrocarbon	64742-47-8	400 ppm	400 ppm
Propane/N-Butane	68476-86-8	N/A	1000 ppm

**SECTION III – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** Aerosol under pressure do not expose to temperatures above 120°F or store in direct sunlight, may develop pressure and cause can to burst.

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** May cause irritation.

**INGESTION:** May cause gastric discomfort and nausea. No hazard by this route in normal use.

**INHALATION:** No hazards under normal use due to its low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

**SKIN:** May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

**MEDICAL CONDITION AGGRAVATED:** None known

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:**

**OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

**INGESTION:** Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.

**INHALATION:** Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

**SKIN:** Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.

**NOTE TO PHYSICIAN:** None

**SECTION V – FIRE-FIGHTING MEASURES**

**FLASH POINT:** > 200°F

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, and water spray or fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** **FLAMMABLE.** Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Cool containers with water spray.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

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**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**SPILL:** Stop all leaks, isolate hazard area, absorb spill with inert material (dry sand, dirt, etc) eliminate all ignition sources. prevent runoff from entering drain, sewers, streams, and other bodies of water.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool dry area. Do not use or store near heat or open flame. Exposure to temperatures above 120F may cause bursting. Do not puncture or incinerate container. Do not reuse empty container. Wrap container and place in trash collection.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Follow label directions exactly.

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS / VENTILATION:** Ambient ventilation adequate.

**RESPIRATORY PROTECTION:** Not required with normal use.

**PROTECTIVE CLOTHING:** Safety glasses and chemical resistant gloves are recommended.

**ADDITIONAL MEASURES:** Wash hands thoroughly after use.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** White liquid

**ODOR:** Mango scent

**PHYSICAL STATE:** Liquid

**VAPOR PRESSURE (mm Hg):** 17.5 @ 77°F (25°C)

**VAPOR DENSITY (AIR=1):** > 1

**EVAPORATION RATE:** < 1

**SPECIFIC GRAVITY (H2O=1):** 0.98

**pH:** 7.0

**SOLUBILITY IN WATER:** 63%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 25%

**SECTION X – STABILITY AND REACTIVITY DATA**

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Temperatures greater than 120 F, excessive heat, hot surfaces. Dropping may cause bursting.

**INCOMPATIBILITY:** Strong oxidizers, Alkalies, Acids

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon

**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Isoparaffinic Hydrocarbon - 64742-47-8: Oral rat LD50: 5 g/kg; Skin rabbit LD50: 2 g/kg; Inhalation rat LC50: 5 mg/L (4-hr)

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** Distillates, Petroleum, Hydrotreated, Lights (64742-47-8) Not expected to be harmful or demonstrate chronic toxicity toward aquatic organisms. Biodegradation: Expected to be readily biodegradable. Hydrolysis:

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Transformation due to hydrolysis not expected to be significant. Photolysis: Transformation due to photolysis not expected to be significant. Atmospheric Oxidation: Expected to degrade rapidly in air.

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** ORM-D

#### AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

#### SHIPPING BY WATER:

##### VESSEL (IMO/IMDG)

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**NOTE:**

### SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** None

**SARA 313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** Distillates, Petroleum, Hydrotreated, Lights (64742-47-8)

**NFPA HEALTH:** 1

**HMIS HEALTH:** 1

**NFPA FLAMMABILITY:** 1

**HMIS FLAMMABILITY:** 1

**NFPA REACTIVITY:** 0

**HMIS REACTIVITY:** 0

**NFPA OTHER:** N/A

**HMIS PROTECTION:** A

### SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** John Holdren

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