

**Safety Data Sheet**  
**Mulberry DAF**

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Mulberry DAF  
**PRODUCT CODE:** 3360  
**RECOMMENDED USE:** Air Freshener  
**RESTRICTIONS ON USE:** None known.  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** P.O. Box 624, Brenham, TX 77834  
**COMPANY PHONE:** 800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 2

Gases Under Pressure: Liquefied Gas

**HAZARD STATEMENT(S): WARNING:** Flammable aerosol. Contains gas under pressure; may explode if heated.

This product contains the following percentage of chemicals of unknown toxicity: N/A

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place.

**SYMBOL:**



**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Propane	74-98-6	10-20%
n-Butane	106-97-8	10-20%

**SECTION IV - FIRST AID MEASURES**

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

**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:** Wash thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops.

**ACUTE HEALTH HAZARDS:** Contact with eyes may cause irritation, redness, tearing. Prolonged contact with skin may cause irritation. May cause defatting and dermatitis of the skin. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** None known.

**NOTE TO PHYSICIAN:** Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

**SECTION V – FIRE-FIGHTING MEASURES**

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

**UNSUITABLE EXTINGUISHING MEDIA:** Water jets or streams.

**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.

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**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.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, various hydrocarbons.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Stop all leaks, isolate hazard area, absorb spill with inert material (dry sand, dirt, etc.) and eliminate all ignition sources. Prevent runoff from entering drain, sewers, streams, and other bodies of water. U.S. regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll-free number for the U.S. Coast Guard National Response Center is 800-424-8802.

**WASTE DISPOSAL:** Dispose of in accordance with local, state, and federal 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 D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Do not use or store near heat, open flames, or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use. Store in a cool, dry area.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

**INCOMPATIBILITY:** Strong oxidizers, alkalis, and strong acids.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane	1000 ppm	1000 ppm
n-Butane	Not Established	1000 ppm

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

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

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles.

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

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White spray mist.

**ODOR:** Mulberry.

**ODOR THRESHOLD:** N/D

**pH:** 7.0

**MELTING POINT/FREEZING POINT:** N/D

**INITIAL BOILING POINT AND BOILING RANGE:** N/D

**FLASH POINT:** > 200 °F (> 93.3 °C)

**EVAPORATION RATE:** Slow

**FLAMMABILITY(solid/gas):** Flammable Aerosol

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**EXPLOSIVE LIMIT LOWER (%):** N/D

**EXPLOSIVE LIMIT UPPER (%):** N/D

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

**VAPOR DENSITY (AIR=1):** > 2

**RELATIVE DENSITY (H2O=1):** 0.97 @ 77 °F (25 °C)

**SOLUBILITY(IES):** 63%

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**PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow):** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

### SECTION X – STABILITY AND REACTIVITY

**REACTIVITY:** None known.

**CHEMICAL STABILITY:** Stable.

**POSSIBLE HAZARDOUS REACTIONS:** None known.

**CONDITIONS TO AVOID:** Temperatures greater than 122 °F and sources of ignition. Avoid incompatibles.

**INCOMPATIBLE MATERIALS:** Strong oxidizers, alkalis, and strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

### SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **Propane** (74-98-6): LC<sub>50</sub> (Inhalation, Rat, 4h) 658 mg/L. **n-Butane** (106-97-8): LC<sub>50</sub> (Inhalation, Rat, 4h) 30957 mg/m<sup>3</sup>.

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

**EYES:** May cause irritation, redness, tearing.

**INGESTION:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea.

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

**SKIN:** May cause mild irritation, localized defatting.

**MEDICAL CONDITION AGGRAVATED:** None known.

**ACUTE HEALTH HAZARDS:** Contact with eyes may cause irritation, redness, tearing. Prolonged contact with skin may cause irritation. May cause defatting and dermatitis of the skin. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** None known.

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

### SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Avoid release to the environment.

**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.

**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:** This product is mobile in soil.

**OTHER ADVERSE EFFECTS:** None known.

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with local, state, and federal 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 D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION XIV - TRANSPORT INFORMATION

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

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN1950

**PACKING GROUP:** N/A

#### AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols, flammable.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN1950

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**PACKING GROUP:** N/A

**SHIPPING BY WATER:**  
**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN1950  
**PACKING GROUP:** N/A  
**ENVIRONMENTAL HAZARDS WATER:** N/A

**SECTION XV - REGULATORY INFORMATION**

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

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Diethyl phthalate (84-66-2)  
Reportable Quantity = 1000 pounds.

**SARA 311/312 HAZARD CATEGORIES:** Flammable (gases, aerosols, liquids, solids). Gas under pressure.

**SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.

**CLEAN WATER ACT:** None.

**STATE REGULATIONS: California Proposition 65:** This product contains no known chemicals regulated by California Proposition 65. **Diethyl phthalate** (84-66-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, MA, NJ, PA, RI.

**INTERNATIONAL REGULATIONS:** Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada).

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

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	2	<b>HMIS FLAMMABILITY:</b>	2
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

**SECTION XVI - OTHER INFORMATION**

**PREPARATION BY:** Roberto Cerón  
**DATE PREPARED:** 11/15/2013  
**REVISION DATE:** 02/15/2022

N/A = Not Applicable; N/D = Not Determined

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