

**Material Safety Data Sheet**  
**Fiesta Mulberry RTU**

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**DATE PREPARED:** 12/12/2012  
**REVISION DATE:** 05/09/2013  
**CHEM-TEL:** 800-225-3924  
**PRODUCT NUMBER:** 3070

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Fiesta Mulberry RTU  
**PRODUCT CODE:** 3070  
**PRODUCT USE:** Odor Eliminator

**SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Isopropyl Alcohol	5989-27-5	400 ppm	200 ppm
Nonionic Surfactant	67-63-0	N/A	N/A

**SECTION III – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** None Known  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** May cause mild burning, irritation, pain, redness, tearing. Can cause mild corneal damage.  
**INGESTION:** Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis  
**INHALATION:** Causes dizziness if inhaled directly or exposed to excessive amounts.  
**SKIN:** May cause mild irritation, localized defatting, dryness.  
**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.  
**CHRONIC HEALTH HAZARDS:** None  
**CARCINOGENICITY:**  
**OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.  
**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, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.  
**SKIN:** May cause frostbite.  
**NOTE TO PHYSICIAN:** None

**SECTION V – FIRE-FIGHTING MEASURES**

**FLASH POINT:** Not Tested  
**FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER:** N/A **LOWER:** N/A  
**EXTINGUISHING MEDIA:** Dry chemical, foam, or Carbon Dioxide (CO<sub>2</sub>).

**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 contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known  
**HAZARDOUS COMBUSTION PRODUCTS:** None known

**Material Safety Data Sheet**  
Fiesta Mulberry RTU

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**SPILL:** Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

**WASTE DISPOSAL:** Keep out of reach of children.

**RCRA STATUS:** 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.

**OTHER PRECAUTIONS:** None

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

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate but local exhaust/ventilation preferred.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

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

**ADDITIONAL MEASURES:** Wash hands and clothing in contact with product after use

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear Liquid

**ODOR:** Mulberry scent

**PHYSICAL STATE:** Liquid

**BOILING POINT:** 180°F

**FREEZING POINT:** Not Tested

**VAPOR PRESSURE (mm Hg):** 760

**VAPOR DENSITY (AIR=1):** > 1 @ 77°F (25°C)

**EVAPORATION RATE:** < 1

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.99@ 77° F (25° C)

**pH:** 10.2

**SOLIDS (%):** Not tested

**SOLUBILITY IN WATER:** 100%

**VOLATILITY INCLUDING WATER (%):** 100%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 6 - 8 %

**DIELECTRIC STRENGTH (Volts):** N/A

**SECTION X – STABILITY AND REACTIVITY DATA**

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Do not mix with strong acids.

**INCOMPATIBILITY:** Strong acids, strong alkalis, Chlorine

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Non-ionic Surfactant (127087-87-0) LD<sub>50</sub> (Oral, Rat) 1.77 - 4.53 ml/kg; LD<sub>50</sub> (Skin, Rabbit): 2.83 (1.75 - 4.57) ml/kg; 24 h occluded

**Material Safety Data Sheet**  
**Fiesta Mulberry RTU**

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** **Isopropyl Alcohol** (67-63-0) LC<sub>50</sub>: 100000 mg/l 96 hours [Fathead Minnow]. 64000 mg/l 96 hours [Fathead Minnow]. IPA has a low potential to affect aquatic organisms, secondary waste treatment microbial metabolism, and germination of some plants.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Keep out of reach of children.

**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S.

**HAZARD CLASS/DIVISION:** None

**PACKAGING GROUP:**

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S.

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S.

**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:** Isopropyl Alcohol (67-63-0) Acute Health, Fire

**SARA 313 REPORTABLE INGREDIENTS:** Isopropyl Alcohol - 67-63-0

**CLEAN WATER ACT:** None

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

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**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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