

A.M. TODD

INGREDIENTS | FLAVORS

Material Safety Data Sheet

Section 1. IDENTIFICATION

Trade Name:
Plum Type Flavor, Natural
Synonyms:
Product Number: 17-058-02 FEMA Number:

Section 2. COMPOSITION / INFORMATION ON INGREDIENT

Ingredient: Plum Type Flavor, Natural
CAS Number: N/A
Molecular Formula: N/A
Additional Information:

Section 3. HAZARDS IDENTIFICATION

Harmful if Swallowed
Irritating to Eyes, Respiratory System and Skin
Highly Flammable
Additional Information:

Section 4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Get medical attention. SKIN CONTACT: Immediately wash skin with soap and copius amounts of water. INHALATION: Immediately remove to FRESH AIR. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Get medical attention.

Section 5. FIRE FIGHTING MEASURES

MEANS OF EXTINCTION: Carbon dioxide, dry chemical powder, or appropriate foam. Water: if water must be used, spray only. UNUSUAL FIRE/EXPLOSION HAZARDS: Avoid heat, sparks, and open flames. Hazardous Combustion Products Carbon dioxide, carbon monoxide, acrid fumes.

Section 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Refer to Section 8. CLEANUP PROCEDURES: Small spills should be adsorbed by dirt, sand or other suitable adsorbent. Large spills may be diked with earth and pumped to closed containers for recovery or disposal. At temperatures less than 15 C, material may crystallize and form a solid mass. Ventilate area and wash spill site after material pickup is complete.

Section 7. HANDLING AND STORAGE

HANDLING - USER EXPOSURE: Do not breathe vapor. Avoid contact with eyes, skin and clothing. Wear safety glasses or goggles and rubber gloves, and apron when handling. SUGGESTED STORAGE CONDITIONS: Store in tightly sealed original containers with minimum head space. Avoid prolonged exposure to light, heat, cold, and air.

SUGGESTED STORAGE CONDITIONS: Store at 41-80F in tightly sealed original containers with minimum head space. Avoid prolonged exposure to light, heat and air.

SHELF LIFE: 6 months after the last date of QC approval, or date of shipment, under recommended storage conditions or as otherwise noted.

Section 8. EXPOSURE AND PROTECTION CONTROLS

Safety shower and eye bath. Mechanical exhaust may be needed. Government approved respirator. Compatible chemical resistant gloves. Chemical safety goggles. Wash contaminated clothing thoroughly before reuse. Clean contaminated equipment thoroughly with soap and water.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid
Sensory Properties: Characteristic of plum
Molecular Weight: N/A
Purity (by G.C.): N/A
Specific Gravity @ 25 C: 0.7952 - 0.8452
Refractive Index @ 20 C: 1.3626 - 1.3706
Optical Rotation: N/A

Acid Value: N/A
Melting Point/Melting Point Range (C): N/A
Boiling Point/Boiling Point Range (C): N/A
Flash Point (F) (Tag Closed Cup): 61.7
Flammability: N/A
Vapor Pressure: N/A
Vapor Density (air = 1): N/A
Evaporation Rate (Butyl Acetate = 1): N/A
Viscosity: N/A
Partition Coefficient (n-Octanol/Water): N/A
Solubility in Water (%): N/A
Solubility in Alcohol (%): N/A
Additional Data: The specifications listed in Section 9 are tentative, pending the accumulation of additional data.

Section 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Prolonged or excessive heat may cause decomposition. MATERIALS TO AVOID: Strong oxidizing agents, strong reducing agents. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, acrid fumes.

Section 11. TOXICOLOGICAL INFORMATION

MULTIPLE ROUTES OF EXPOSURE: May be harmful by inhalation, ingestion or skin absorption. Vapor or mist is irritating to eyes, mucous membranes and other upper respiratory tract. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. For information, contact physician.

Section 12. ECOLOGICAL INFORMATION

No data available.

Section 13. DISPOSAL CONSIDERATIONS

Do not discharge to lakes, streams, ponds, or public waters. Observe all federal, state, and local environment regulations.

Section 14. TRANSPORT INFORMATION

DOT

Proper Shipping Name: EXTRACTS, FLAVORING, LIQUID

UN#: 1197

Hazard Class:

Class 3 - Flammable Liquids

Packing Group: II

Hazard Label:

Flammable Liquid

IATA

Proper Shipping Name: EXTRACTS, FLAVORING, LIQUID

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Class 3 - Flammable Liquids

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Section 15. TRANSPORT INFORMATION

US and EU Additional Classification

Indication/Symbol of Danger: Xi

Indication of Danger:

Irritating to Eyes, Respiratory System and Skin

Risk Statements:

R 11 Highly Flammable R 22 Harmful if swallowed R 36/37/38: Irritating to eyes, respiratory system and skin. R 41 Risk of serious damage to eyes R 42 May cause sensitization by inhalation R 43 May cause sensitization by skin contact

Safety Statements:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 36 Wear protective clothing S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) S 26 36/37/39 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing gloves, and eye/face protection. S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

TSCA (USA) Status: N/A

EINECS (EC) Status: N/A

DSL (Canada) Status: N/A

AICS (Australia) Status: N/A

MITI (Japan) Status: N/A

Section 16. OTHER INFORMATION

Disclaimer

The information above is believed to be accurate and represents the best information currently available to us. We make no warranty, express or implied, about the information and assume no liability resulting from its use. Users should make their own investigations to determine suitability. We shall not be liable for any claims, losses, or

damages of any nature whatsoever related to usage.

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