

# MATERIAL SAFETY DATA SHEET

## THE HALLSTAR COMPANY

### Section 1 - Identification of Substance and Company

**Product Name:** STAFLEX DTDM  
**Chemical Name:** Ditridecyl Maleate

**Product Code:** 4658

**Supplier:** The HallStar Company <sup>(1)</sup>  
120 S. Riverside Plaza Suite 1620  
Chicago, IL 60606 PH: 877-427-4255  
USA

**HMIS**  
Health: 1  
Flammability: 1  
Reactivity: 0  
Gloves & Safety Glasses

**Emergency Phone Numbers:** The HallStar Company (708) 594-5999  
CHEMTREC (transportation) (800) 424-9300

### Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS#</u>
Ditridecyl Maleate	61791-92-2

### Section 3 - Hazard Identification

**Appearance/Odor:** Clear liquid, slight odor.

#### Potential Health Effects

**Skin Contact:** Repeated or prolonged skin contact may cause skin irritation.  
**Eye Contact:** May cause slight eye irritation of susceptible persons.  
**Ingestion:** Substance may be harmful if swallowed. May irritate mouth, throat and stomach.  
**Inhalation:** When processed at high temperatures, vapors may be irritating and may cause dizziness.

### Section 4 - First Aid Measures

**Skin Contact:** Wash affected skin with soap and water. Seek medical attention if symptoms persist.  
**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.  
**Ingestion:** Seek medical advice.  
**Inhalation:** Person should be moved to a fresh air environment.

### Section 5 - Explosion and Fire-Fighting Measures

**Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Water Fog  
**Special Fire-Fighting Procedures:** A MSHA/NIOSH approved self-contained breathing apparatus should be worn.  
**Unusual Fire and Explosion Hazards:** Solid streams of water directed at burning liquid may cause frothing.

**Product Name: STAFLEX DTDM**

### Section 6 - Accidental Release/Spill Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

### Section 7 - Handling and Storage

Any use of this product in an elevated temperature process should be evaluated to establish and maintain safe operating procedures.

Containers should be kept tightly closed and stored in a dry well-ventilated place

### Section 8 - Personal Protection

**OSHA Permissible Exposure Limit (PEL):** None established

**Hand Protection:** Neoprene or Viton  
**Respiratory Protection:** Use a NIOSH approved respirator when exposure to mists or vapors is anticipated.  
**Eye Protection:** Safety glasses  
**Engineering Measures:** For normal operation, local exhaust ventilation should suffice.  
**Other:** Eyewash facility in vicinity.

### Section 9 - Physical and Chemical Properties

<b>Boiling Point:</b>	~530°C	<b>Specific Gravity:</b>	0.920
<b>Flash Point (COC):</b>	>93°C	<b>Evaporation Rate:</b>	N/A
<b>Vapor Density (Air=1):</b>	N/A	<b>Solubility in Water (H<sub>2</sub>O @ 25°C):</b>	Negligible
<b>Vapor Pressure (20°C):</b>	N/A	<b>pH:</b>	N/A
<b>Appearance and Odor:</b>	Clear liquid, slight odor.		

### Section 10 - Stability and Reactivity

**Stability:** This product is stable under normal conditions.  
**Conditions to Avoid:** Excessive heat, open flames.  
**Hazardous Polymerization:** Will not occur under normal circumstances; oxides of carbon when burned.

### Section 11 - Toxicological Information

No information available at this time.

### Section 12 - Ecological Information

This product does not contain any ozone depleting compounds (ODC's).

**Product Name: STAFLEX DTD**

### Section 13 - Disposal Considerations

**Waste Disposal Methods:** Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.

### Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

### Section 15 - Regulatory Information

**Toxic Substances Control Act (TSCA):** This product is in compliance with the TSCA regulation of the United States.

**Non-Domestic Substance List (NDSL):** This product is listed on the NDSL inventory of Canada.

**China Inventory of Existing Chemical Substances (IECSC):** This product is listed on the IECSC Inventory of China.

**European Inventory of Existing Chemical Substances (EINECS):** This product is listed on the EINECS inventory of Europe.

**Superfund Amendments and Reauthorization Act (SARA):** This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards

Immediate (Acute) Health Hazard

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

**California Proposition 65:** This product does not contain substances known to the State of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

### Section 16 - Other Information

Prepared By: DCU

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All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment

<sup>(1)</sup> Affiliated companies include RTD\*HallStar, Inc, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.