

# Lotioncrafter

532 Point Lawrence Road  
Olga, WA 98279  
Tel: 360-376-8008

## EmulThix™

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### 1. Chemical Product and Company Identification

**Product Name:** EmulThix™  
**Generic Description:** Organic compound emulsion  
**Emergency Numbers:** Lotioncrafter, Call 360-376-8008  
**Manufacturer:** Lotioncrafter  
532 Point Lawrence Rd  
Olga, WA 98279

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### 2. OSHA Hazardous Components

<u>CAS NUMBER</u>	<u>Wt %</u>	<u>Component Name</u>
24938-91-8	5.0 – 10.0	Polyoxyethylated tridecyl alcohol

**Hazard Ratings**  
NFPA            Health 2            Flammability 1            Physical/Instability 0

The above components are hazardous as defined in 29 CFR 1910.1200.

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### 3. Hazards Identification

#### **POTENTIAL HEALTH EFFECTS**

##### Acute Effects

<b>Eye</b>	Direct contact may cause moderate irritation.
<b>Skin</b>	No significant irritation expected from a single short-term exposure.
<b>Inhalation</b>	Irritates respiratory passages very slightly.
<b>Oral</b>	Low ingestion hazard in normal use.

##### Prolonged /Repeated Exposure Effects

<b>Skin</b>	Repeated or prolonged exposure may cause irritation.
<b>Inhalation</b>	No known applicable information.
<b>Oral</b>	No known applicable information.

Signs and Symptoms of Overexposure      No known applicable information.

Medical Conditions Aggravated by Exposure      No known applicable information.

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### 4. First Aid Measures

<b>Eye</b>	Immediately flush with water for 15 minutes. Get medical attention.
<b>Skin</b>	No first aid should be needed.
<b>Inhalation</b>	No first aid should be needed.
<b>Oral</b>	No first aid should be needed.
<b>Comments</b>	Treat according to person's condition and specifics of exposure.

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## 5. Fire Fighting Measures

<b>Flashpoint</b>	> 212°F / > 100°C Closed Cup
<b>Autoignition Temperature</b>	Not determined
<b>Flammability Limits in Air</b>	Not determined
<b>Extinguishing Media</b>	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire exposed containers.
<b>Protective Fire Fighting Equipment</b>	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
<b>Unusual Fire Hazards:</b>	None
<b>Hazardous Decomposition Products</b>	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products; Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

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## 6. Accidental Release Measures

<b>Containment/Clean up</b>	Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.
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Note: See section 8 for Personal Protective Equipment for Spills.

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## 7. Handling and Storage

<b>Handling</b>	Use with adequate ventilation. Avoid eye contact.
<b>Storage</b>	Use reasonable care and store away from oxidizing materials.

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## 8. Exposure Controls/Personal Protection

<b><u>Component Exposure Limits</u></b>	There are no components with workplace exposure limits.
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### **Engineering Controls**

<b>Local Ventilation</b>	None should be needed.
<b>General Ventilation</b>	Recommended

### **Protective Equipment for Routine Use of Product**

<b>Eye Protection</b>	Use proper protection – safety glasses as a minimum.
<b>Respiratory Protection</b>	None should be needed
<b>Respirator Type(s)</b>	None should be needed
<b>Skin Protection</b>	Washing at mealtime and end of shift is adequate.
<b>Suitable Gloves</b>	No special protection needed.

### **Personal Protective Equipment for Spills**

<b>Eye Protection</b>	Use proper protection – safety glasses as a minimum.
<b>Respiratory Protection</b>	None should be needed
<b>Respirator Type(s)</b>	None should be needed
<b>Skin Protection</b>	Washing at mealtime and end of shift is adequate.
<b>Suitable Gloves</b>	No special protection needed.
<b>Precautionary Measures</b>	Avoid eye contact. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com).

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## 9. Physical and Chemical Properties

<b>Physical State</b>	Viscous Liquid
<b>Color</b>	White to light yellow
<b>Odor</b>	Characteristic odor
<b>Molecular Weight</b>	Not applicable/mixture
<b>Specific Gravity</b>	> 0.0000
<b>Viscosity</b>	2,000 mPa s
<b>Freezing/Melting Point</b>	Not determined
<b>Boiling Point</b>	212°F / 100°C
<b>Vapor Density</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>pH</b>	Not determined
<b>VOC Content</b>	Not determined

Note: The above information is not intended for use in preparing product specifications.

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## 10. Stability and Reactivity

<b>Stability and Reactivity Summary</b>	Stable
<b>Conditions to Avoid</b>	None
<b>Hazardous Polymerization</b>	Will not occur
<b>Materials to Avoid</b>	Oxidizing materials may cause a reaction.

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## 11. Toxicological Data & Effects

### **Component Toxicology Information**

Repeated inhalation or oral exposure of mice and rats to decamethylcyclpentasiloxane produced an increase in liver size. No gross histopathological or significant clinical chemistry effects were observed. An increase in liver metabolizing enzymes, as well as a transient increase in the number of normal cells (hyperplasia) followed by an increase in cell size (hypertrophy) were determined to be the underlying causes of the liver enlargement. The biochemical mechanisms producing these effects are highly sensitive in rodents, while similar mechanisms in humans are insensitive. Good industrial hygiene practice minimizes inhalation exposure to any chemical. An exposure guideline of 10 ppm TWA for this chemical has been set.

A 2 year combined chronic/carcinogenicity assay was conducted on decamethylcyclpentasiloxane (D5). Fisher-344 rats were exposed by whole-body vapor inhalation 6 hrs/day, 5 days/week for up to 24 months to 0, 10, 40, or 160 ppm of D5. A statistically significant increase in the trend for uterine endometrial tumors was observed in female rats exposed for 24 months at 160 ppm. Whether or not this increase in incidence is truly related to the exposure to decamethylcyclpentasiloxane is questionable and yet to be determined. The 160 ppm exposure concentration greatly exceeds workplace or consumer exposure. It is unlikely that industrial, commercial or consumer uses of products containing D5 would result in a significant risk to humans. The exposure guideline will be reevaluated when a better understanding of the significance of this new data is developed.

**Special Hazard Information on components** No known applicable information.

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## 12. Ecological Information

**Environmental Fate and Distribution** Complete information is not yet available.

**Environmental Effects** Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants** Complete information is not yet available.

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## 13. Disposal Considerations

**Waste Disposal Summary** Spent or discarded material is not expected to be a hazardous waste.

**Disposal Methods** As a nonhazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations or by incineration.

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## 14. Transport Information

**Road (U.S. DOT):** Not regulated

**Air (IATA):** Not regulated

**Sea (IMDG):** Not regulated

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**Disclaimer:**

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