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

EmulThix™

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

2. OSHA Hazardous Components

CAS NUMBER	Wt %	Component Name
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.

3. Hazards Identification

POTENTIAL HEALTH EFFECTS

Acute Effects

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

Prolonged /Repeated Exposure Effects

Skin	Repeated or prolonged exposure may cause irritation.
Inhalation	No known applicable information.
Oral	No known applicable information.

Signs and Symptoms of Overexposure No known applicable information.

Medical Conditions Aggravated by Exposure No known applicable information.

4. First Aid Measures

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

5. Fire Fighting Measures

Flashpoint	> 212°F / > 100°C Closed Cup
Autoignition Temperature	Not determined
Flammability Limits in Air	Not determined
Extinguishing Media	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.
Protective Fire Fighting Equipment	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.
Unusual Fire Hazards:	None
Hazardous Decomposition Products	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.

6. Accidental Release Measures

Containment/Clean up	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 offur. 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.

Note: See section 8 for Personal Protective Equipment for Spills.

7. Handling and Storage

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

8. Exposure Controls/Personal Protection

Component Exposure Limits	There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation	None should be needed.
General Ventilation	Recommended

Protective Equipment for Routine Use of Product

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

Personal Protective Equipment for Spills

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

9. Physical and Chemical Properties

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

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

10. Stability and Reactivity

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

11. Toxicological Data & Effects

Component Toxicology Information

Repeated inhalation or oral exposure of mice and rate to decamethylcyclopentasiloxane produced an increase in lover 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 decamethylcyclopentasiloxane (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 decamethylcyclopentasiloxane 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.

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.

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.

14. Transport Information

Road (U.S. DOT): Not regulated
Air (IATA): Not regulated
Sea (IMDG): Not regulated

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