

## **Material Safety Data Sheet**

### **Emulsifiers (SS EF 222 & 233)**

#### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Manufactured by: SUPREME SILICONES  
H 55, MIDC WALUJ, AURANGABAD, INDIA.

Generic Description: Non ionic Nonylphenyl Ether mixture

Physical Form: Liquid

Color : Colorless to Slight Yellow

Odor : Characteristic

NFPA Profile:

Health 1 Flammability 1 Instability/Reactivity 1

Note: NFPA = National Fire Protection Association

#### 2. HAZARDOUS COMPONENTS

None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.

#### 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact may cause temporary redness and discomfort.

Skin: No significant irritation expected from a single short-term exposure.

Inhalation: No significant effects expected from a single short-term exposure.

Oral: Low ingestion hazard in normal use.

#### 4. FIRST AID MEASURES

Eye: Immediately flush with water.

Skin: No first aid should be needed.

Inhalation: No first aid should be needed.

Oral: Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.

#### 5. FIRE FIGHTING MEASURES

Flash Point: > 150°C (Closed Cup)

Auto ignition 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 (CO<sub>2</sub>), dry chemical. Water can be used to cool fire-exposed containers.

Fire Fighting Measures:

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.

#### 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective

Equipment . Isolate hazard area. Keep unnecessary and unprotected

personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and

equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g.,

vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible

materials, such as saw dust. Do not flush to sewer.

#### 7. HANDLING AND STORAGE

Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from oxidizing materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Engineering & Respiratory Controls**

Local Ventilation: Should be needed.

General Ventilation: Recommended. Personal Protective Equipment for Routine Handling. Eyes: Use proper protection - safety glasses as a minimum. Skin: Washing at mealtime and end of shift is adequate. Suitable Gloves: PVC.

Inhalation: Respiratory protection should be needed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid

Color: Colorless to Slight Yellow.

Odor: Characteristic

Specific Gravity @ 25°C: 0.99 to 1.05

Boiling Point: > 100 °C

Flash Point: > 150 °C (Closed Cup)

Vapor Pressure @ 25°C: Not determined.

Vapor Density: Not determined.

Solubility in Water: miscible

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: None.

## 11. TOXICOLOGICAL INFORMATION

Special Hazard Information on Components

No known applicable information.

## 12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101) Not subject to DOT.

Ocean Shipment (IMDG) Not subject to IMDG code.

Air Shipment (IATA) Not subject to IATA regulations.

## 15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

Section 302 Extremely Hazardous Substances: None.

Section 304 CERCLA Hazardous Substances: None.

Section 312 Hazard Class:

1) Acute: No 2) Chronic: No 3) Fire: No 4) Pressure: No 5) Reactive: No 6) Toxic Chemicals: No  
None present or none present in regulated quantities.

## 16. OTHER INFORMATION

Prepared by: SUPREME SILICONES

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.