MITCHELL PRODUCTS

Safety Data Sheet (SDS)

SECTION 1: Product Identification

Product Identifier: **Terafirm**

Synonyms: Non-ionic soil surfactant
CAS number: Mixture no single CAS number available

Manufacturer: Mitchell Products
Address: 1205 West Main Street, Millville, NJ 08332
Phone: 856-327-2005
Emergency Phone: 866-436-0500
Date Prepared: 02-04-2015

Recommended Use: Soil-applied chemical to help reduce surface tension of water.

SECTION 2: Hazard(s) Identification

Hazard Classification: Irritant
Signal Word: Warning
Hazard Statement: Irritant to eyes, skin, and ingestion.

Pictograms:

Precautionary Statement: Use proper gloves/goggles when handling and wash hands before touching eyes or eating. Get medical advice/attention if you feel unwell. Dispose of contents/container in accordance with local/regional/national and international regulations.

SECTION 3: Composition/Information on Ingredients

Chemical Name: Poly (2-methyloxirane), Methylethylene glycol
CAS #: Proprietary
Common Name: N/A
Percentage: 60%

Chemical Name: Ducosate sodium
CAS #: Proprietary
Common Name: N/A
Percentage: 5%

Contents of chemical name and hazardous compounds are a trade secret as allowed by 29 CFR 1910.1200 (i) 1.

SECTION 4: First Aid Measures

Routes of Exposure: Ingestion, eyes and skin

Symptoms
Ingestion: Overexposure may cause diarrhea, nausea, and vomiting.
Eyes: Overexposure causes excessive watering, redness.
Skin: Overexposure may cause itching and redness similar to a rash.

First Aid
Ingestion: Contact physician or poison control center. If victim is conscious and able to swallow, quickly give water or milk to dilute. Do not give sodium bicarbonate, vinegar, or fruit juices. Never give anything by mouth if victim is unconscious or having convulsions. Do not induce vomiting. Seek medical attention if necessary.
Eyes: Flush immediately with copious amounts of water. Continue flushing for at least 15 minutes and seek medical attention.
Skin: Wash exposed areas with soap and water. If itching and redness persist, seek medical attention.

SECTION 5: Fire-Fighting Measures

Extinguishing Data: Use dry chemical, carbon dioxide, waterspray or alcohol resistant foam
Special Procedures: Use water spray to cool drums exposed to fire

Unusual Fire & Explosive Hazards: May react with metals (iron, zinc or aluminum) to form highly flammable hydrogen gas which can form explosive mixture with air.

SECTION 6: Accidental Release Measures

Personal Precautions: Ensure cap is sealed tightly. Do not puncture container. Keep away from sharp objects and use caution around forklifts.
Cleanup Procedures: Eliminate all sources of ignition. Cover drains. Immediately apply absorbent product like clay or Speedy Dry and place contents in recovery drum. Wash area with water. Continue applying absorbent material and washing until spill has been absorbed and no odor remains. Block off area to avoid slipping. Consult local, state, and federal regulations before disposing this material/recover drums.
Neutralizing Chemicals: Can be neutralized with sodium carbonate or bicarbonate.

SECTION 7: Handling & Storage

Precautions for Safe Handling: No special requirements.
Storage Recommendations: Ensure cap is re-applied. Keep containers closed when not in use. Keep from sources of ignition. Do not contaminate water, food, feed by storage or disposal. Follow good industrial hygiene practices, store between 40.5 F and 120.5 F.

SECTION 8: Exposure Controls / Personal Protection

Respiratory Protection: Use NIOSH/MSHA approved respirator when dusts mists, or vapors are present
Ventilation: Ensure adequate ventilation in working area
Protective Gloves: Chemical-resistant rubber gloves recommended
Eye Protection: Chemical goggles recommended
Other Equipment: Eye wash and safety shower in the work area
Work/Hygienic Practices: Avoid contact with eyes and skin, wash thoroughly after handling

SECTION 9: Physical & Chemical Properties

Appearance: Clear/brown liquid
Odor: Slight odor
Odor Threshold: N/A
pH: 3.1 – 3.3
Melting/Freezing Point: N/A
Boiling Point: N/A
Flash Point, F, COC N/A
Evaporation Rate: N/A
Flammability: N/A
Flammable Limits: Not established

Vapor Pressure: N/A
Vapor Density: N/A
Relative Density: N/A
Solubility (ies): Soluble in water
Partition coefficient: N/A
Auto-ignition Temperature: N/A
Decomposition Temperature: N/A
Viscosity @25C: N/A
Specific Gravity: 1.028

SECTION 10: Stability & Reactivity

Reactivity: Avoid contact with strong oxidizing agents
Chemical Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to be Avoided: Metals
Classes of Incompatible Materials: Strong bases or oxidizing agents
Hazardous Decomposition Products: Sulfur dioxide, carbon dioxide, and carbon monoxide

SECTION 11: Toxicological Information

Routes of Exposure: Ingestion, eyes and skin contact
Delayed/Immediate/Chronic effects from short- and long-term exposure: N/A
Numerical Measures of Toxicity: This product has not been tested.

Description of Symptoms: See Section 4. First Aid Measures
Listed in NTP Report on Carcinogens: No

SECTION 12: Ecological Information

Environmental Impact: N/A

SECTION 13: Disposal Considerations

Consult local, state, and federal regulations before disposing this material.

SECTION 14: Transport Information

UN Number: N/A
UN Shipping Name: N/A
Transport Hazard Class: N/A
Packing Group Number: N/A
Environmental Hazards: N/A
Guidance on Transport in Bulk: N/A
Special Precautions: N/A

SECTION 15: Regulatory Information

Department of Transportation: DOT classification - cleaning compound, non-hazardous material

SECTION 16: Other Information

This Terafirm SDS was prepared March 2, 2015.

The information presented herein is believed to be factual, as it has been derived from the works of qualified experts; however, nothing contained in this SDS to be taken as a warranty. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.