

MATERIAL SAFETY DATA SHEET

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24 Hour Emergency Assistance CHEMTREC 1-800-424-9300

PRODUCT NAME: Mainstay Elite

PRODUCT CODE: MSE01,02,30,265

I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Mainstay Elite
PRODUCT CODE: MSE01,02,30,265
PRODUCT CLASS: Mixture of surfactants, fatty acids, and coupling agents
Date Prepared: 4/22/08
Prepared by: Safety Department

HMIS Codes	
Fire	ND
Health	ND
Reactivity	ND
Protection	ND

II - COMPOSITION/HAZARDOUS INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200)

OCCUPATIONAL EXPOSURE LIMIT

This material is not known to contain any chemical listed as a carcinogen by OSHA, IARC, or the National Toxicology Program (NIP) at a concentration greater than 0.1%.

III - HEALTH HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eyes: Mild irritation.

Skin: Mild to moderate irritation.

Routes of Entry: ND

Target Organs: ND

Oral: Slight throat irritation and respiratory discomfort.

Acute Toxicological Properties: Mild to moderate irritation.

Medical Conditions Aggravated: ND

IV - FIRST AID

Eyes:

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

Ingestion:

If swallowed, call a physician.

Skin:

In case of contact, immediately wash with large amounts of water for at least 15 minutes. Seek medical attention.

Note to Physician:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen and call a physician.

V - FIRE-FIGHTING MEASURES

Flashpoint: >200°F PMCC

Method: ND

Flammable Limits: ND

Autoignition Temperature: ND

OSHA Flammability Class: ND

Extinguishing Media: Dry chemical, waterfog, CO₂, foam, or sand/earth

Explosion Hazards: ND

Fire Fighting Procedures: ND

Fire Fighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Spill: Sweep, vacuum, or absorb with an inert absorbent, such as sand, soil or vermiculite, for collection in an approved recovery drum for disposal. Wash area with water. Collect wash water for disposal. Always follow Federal, State and Local regulations regarding waste disposal.

VII - HANDLING AND STORAGE

MINIMUM STORAGE TEMPERATURES: 32°F

MAXIMUM STORAGE TEMPERATURES: 120° F

Handling: Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes.

Storage: Store in tightly closed original labeled containers. Store in a dry, well ventilated area away from ignition sources and incompatible materials.

VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL HYGIENE IS AN IMPORTANT EXPOSURE CONTROL MEASURE.

THE FOLLOWING GENERAL MEASURES SHOULD BE TAKEN WHEN WORKING OR HANDLING THIS MATERIAL.

Personal Protection

These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.

Skin

Skin contact should be minimized through the use of gloves that are rubber or plastic and solvent resistant, and a neoprene protective type apron.

Respiratory

Use NIOSH/MSHA approved respirator when exposure limits have been exceeded or are expected.

Eyes and Face

The use of chemical safety glasses with side shields or splash proof goggles when using this product is recommended. An emergency eye wash and safety shower should be accessible to the work area.

Work Hygienic Practices

- 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- 3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

IX - PHYSICAL AND CHEMICAL PROPERTIES

Odor:	fatty	Percent Volatile:	10
Appearance:	clear liquid	Evaporation Rate:	ND
Color:	golden	Specific Gravity:	at 20°C 1.02
pH:	4-6	Vapor Density:	ND
Water Solubility:	dispersible	Vapor Pressure:	ND

X - STABILITY AND REACTIVITY

Stable:	Stable under normal conditions
Conditions to Avoid:	Heat, open flame, spark
Hazardous Polymerization:	NA
Thermal Decomposition:	Carbon monoxide and carbon dioxide from burning
Incompatible Materials:	Keep away from strong oxidizers such as hydrogen peroxide, bromine, and chromic acid

XI - TOXICOLOGICAL INFORMATION

Acute Oral:	ND	Eye Irritation:	ND
Acute Dermal:	ND	Skin Irritation:	ND

XII - DISPOSAL CONSIDERATIONS

Empty Container: Since empty packaging contains residues of the product, all labeled hazard precautions should be observed. Triple rinse and offer for recycling. Always follow Federal, State and Local regulations regarding waste disposal.

XIII - TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Adjuvant spreader, sticker **DOT Hazard Class:** Not hazardous
REFER TO BILL OF LADING FOR CURRENT SHIPPING INFORMATION.

XIV - REGULATORY INFORMATION

SARA TITLE III (Superfund Amendments and Reauthorization Act)

313 Reportable Ingredients: This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

XV - OTHER INFORMATION

THE INFORMATION IN THIS MSDS IS GIVEN IN GOOD FAITH BASED ON OUR EXPERIENCE AND DATA PRESENTED IN VARIOUS TECHNICAL PUBLICATIONS. IT IS THE USERS RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THIS INFORMATION FOR THE ADOPTION OF SAFETY PRECAUTIONS AS MAY BE NECESSARY. THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND.