

MATERIAL SAFETY DATA SHEET

CORNBELT BASE

Van Diest Supply Company
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FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
1-800-424-9300

PRODUCT IDENTIFICATION

Common Name: Cornbelt Base

EPA Registration #: Not Applicable

Product Code: Mixture of surfactants, modified seed oil, and 25% nitrogen fertilizer

HAZARDOUS INGREDIENTS

Butanol

%
5

OSHA PEL

Not determined

TLV (ACGIH)

Not determined

PHYSICAL AND CHEMICAL PROPERTIES

Odor: Fatty/ammonia

Appearance: Clear amber liquid

Specific Gravity: 1.09 @ 20°C

Solubility in Water: Soluble

pH: 8.5

Percent Volatile: 20

FIRE FIGHTING MEASURES

Flashpoint: >110°F (PMCC)

Extinguishing Media: Dry chemical, water spray, water fog, CO₂, foam, sand/earth

Flammable Limits: Not determined

Autoignition Temperature: Not determined

OSHA Flammability Class: III B

Explosion Hazards: Not determined

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

NATIONAL FIRE PROTECTION STANDARDS (NFPA 704)

(4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant)

Health – 2

Fire – 2

Reactivity – 0

HEALTH HAZARD IDENTIFICATION

Threshold Limit Value: Not Applicable

Eye Contact: Mild irritation

Skin Contact: Moderate irritation

Inhalation: Moderate irritation

Ingestion: Slight throat irritation and respiratory discomfort

Chronic Effects of Overexposure: Not determined

FIRST AID MEASURES

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

Skin: In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse.

Ingestion: If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

Inhalation: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

Antidotes: Treat symptomatically. No specific antidote available.

Notes 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.

STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: Heat, open flame, spark

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Carbon monoxide, carbon dioxide, and ammonia from burning

Incompatible Materials: Keep away from strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Sweep, vacuum or absorb with an inert absorbent for collection in an approved recovery drum for disposal. Wash area with water. Collect wash water for disposal.

Waste Disposal Method: Since empty packaging contains residue of the product, all labeled hazard precautions should be observed. Always follow Federal, State, and Local regulations regarding waste disposal.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Gloves: Skin contact should be minimized through the use of rubber or plastic solvent resistant gloves.

Respiratory/Ventilation: 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 shield 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 Hygiene Practices: Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the

toilet. Wash exposed skin promptly to remove accidental splashes of contact with this material.

HANDLING AND STORAGE

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. Do not store below 40°F or above 120°F.

Other Precautions: Not applicable

TRANSPORTATION INFORMATION

Dot Hazard Class: Flammable liquid for bulk and containers >119 gallons. Not regulated in containers <119 gallons.

DOT Proper Shipping Name (Bulk): Flammable Liquid, N.O.S. (contains Butanol), 3, UN1993, PG III

DOT Proper Shipping Name (Non-Bulk): Adjuvant spreader, sticker

REGULATORY INFORMATION

SARA 311/312 Hazard Categories: Immediate

313 Reportable Ingredients: None

TSCA Status: All chemical substances in this product are listed in the TSCA inventory.

ADDITIONAL INFORMATION

Prepared By: Van Diest Supply Company

Date Prepared: 2/26/01

Date Revised: 10/2006

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