



VAN DIEST SUPPLY COMPANY

Distributor and Manufacturer of Agricultural Chemicals

SAFETY DATA SHEET

1. IDENTIFICATION

- 1.1 GHS PRODUCT IDENTIFIER:** CORNBELT® OPTILOX™
- 1.2 RECOMMENDED USE/RESTRICTIONS:** Please see the label for specific recommendations regarding this product.
- 1.3 SUPPLIER'S DETAILS:** Van Diest Supply Company
1434 220th Street
Post Office Box 610
Webster City, IA 50595-0610
- 1.4 EMERGENCY PHONE NUMBER:** FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT - CALL CHEMTREC - DAY OR NIGHT - 1-800-424-9300

2. HAZARDS IDENTIFICATION

- 2.1 HAZARD CLASSIFICATIONS:** This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200 or Regulation (EC) No 1272/2008

2.2 GHS LABEL ELEMENTS AND PRECAUTIONARY STATEMENTS:

Using the toxicity data listed in Sections 11 - Toxicological Information and Section 12 - Ecological Information, the product is labeled as follows.

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200 or Regulation (EC) No 1272/2008.

HAZARDS:

No GHS hazard statements

PREVENTION:

No GHS prevention statements

RESPONSE:

No GHS response statements

STORAGE:

No GHS storage statements

DISPOSAL:

Dispose of contents and container in accordance with federal, state, and local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 or Regulation (EC) No 1272/2008.

4. FIRST AID MEASURES

4.1 GENERAL FIRST AID RECOMMENDATIONS ARE AS FOLLOWS:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

EYE CONTACT:	Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.
SKIN CONTACT:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. DO NOT use solvents or thinners.
INGESTION:	If accidentally swallowed, obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.
INHALATION:	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

4. FIRST AID MEASURES, continued**4.2 MOST IMPORTANT SYMPTOMS/EFFECTS (ACUTE AND DELAYED):**

Overview: No adverse symptoms or effects anticipated under normal handling conditions. See Section 2 - Hazards Identification, for further details.

5. FIREFIGHTING MEASURES**5.1 SUITABLE EXTINGUISHING MEDIA:**

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

5.2 UNSUITABLE EXTINGUISHING MEDIA:

Water jet.

5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen, and/or phosphorus may also be formed.

5.4 SPECIAL PROTECTIVE ACTIONS FOR FIREFIGHTERS:

Evacuate area. Prevent contamination from run-off of adjacent areas, streams, drinking water, and/or sewers. Do not flush down sewers or other drainage systems. Exposed firefighters must wear standard protective equipment. In enclosed areas, wear a self-contained breathing apparatus. Use water-spray to cool fire-exposed surfaces and personnel.

6. ACCIDENTAL RELEASE MEASURES**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:**

Keep all sources of ignition away from spill/release. In case of a major spill or spillage in a confined space, evacuate the area and check vapor levels.

6.2 ENVIRONMENTAL PRECAUTIONS:

Do not allow spills to enter drains or watercourses.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP:

Ventilate the area and avoid breathing vapors or mists. Take the personal protective measures listed in Section 8 - Exposure Control/Personal Protection. Contain and absorb spillage with non-combustible materials (e.g. sand, earth, and/or vermiculite). Place in closed containers outside buildings and dispose of according to Section 13 - Disposal Considerations. Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. If drains, sewers, streams, or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams, or lakes, the Environmental Protection Agency should also be informed.

7. HANDLING AND STORAGE**7.1 PRECAUTIONS FOR SAFE HANDLING:**

Do not get in eyes or on skin or clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, and/or smoking. Remove contaminated clothing and clean before reuse. Destroy contaminated belts and shoes and other items that cannot be decontaminated. See Section 2 - Hazards Identification - Prevention, for further details.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in tightly closed containers in a dry, well-ventilated area away from excessive heat and incompatibles. Incompatible materials include: oxidizing agents. See Section 2 - Hazards Identification - Storage, for further details.

8. EXPOSURE CONTROL/PERSONAL PROTECTION**8.1 CONTROL PARAMETERS:**

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 or Regulation (EC) NO 1272/2008.

The exposure limits for oil mist are 5mg/m³ OSHA PEL and 5 mg/m³ ACGIH.

8. EXPOSURE CONTROL/PERSONAL PROTECTION, continued**8.2 ENGINEERING CONTROLS:**

RESPIRATORY:	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
EYES:	Wear safety eyewear, e.g. safety spectacles, goggles, or visors to protect against the splash of liquids.
SKIN:	Overalls which cover the body, arms, and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.
ENGINEERING CONTROLS:	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits, suitable respiratory protection must be worn.
OTHER WORK PRACTICES:	See Product Data Sheet; See Section 2 - Hazards Identification - Prevention, for further details.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, yellow liquid
ODOR:	Not measured
ODOR THRESHOLD:	Not measured
pH:	2.67 (1% DI Water)
MELTING POINT / FREEZING POINT:	Not measured
INITIAL BOILING POINT AND BOILING RANGE	Not measured
FLASH POINT:	>200 °F (>93 °C)
EVAPORATION RATE (ETHER = 1):	Not measured
FLAMMABILITY (SOLID, GAS):	Not applicable
UPPER / LOWER EXPLOSIVE LIMIT:	Not measured
VAPOR PRESSURE (Pa):	Not measured
VAPOR DENSITY:	Not measured
SPECIFIC GRAVITY:	1.054
SOLUBILITY IN WATER:	Not measured
PARTITION COEFFICIENT (n-Octanol/Water, Log K_{ow}):	Not measured
AUTO-IGNITION TEMPERATURE:	Not measured
DECOMPOSITION TEMPERATURE:	Not measured
VISCOSITY (cSt):	Not measured
VOC %:	Not measured

The physical properties and reported values are typical values based on the material tested but may vary from sample to sample. Thus, typical values should not be construed as a guaranteed analysis of any specific lot / batch or specification item.

10. STABILITY AND REACTIVITY**10.1 REACTIVITY:**

Not chemically reactive.

10.2 CHEMICAL STABILITY:

Stable under normal conditions and anticipated conditions of use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous reactions not anticipated.

10.4 CONDITIONS TO AVOID:

Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition.

10. STABILITY AND REACTIVITY, continued**10.5 INCOMPATIBLE MATERIALS:**

Oxidizing agents

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

Not anticipated under normal conditions of use.

11. TOXICOLOGICAL INFORMATION**11.1 ACUTE TOXICITY:**

NOTE: When no route-specific LD₅₀ data is available for an acute toxin, the converted acute toxicity point estimate was used in calculation of the product's ATE (Acute Toxicity Estimate).

MATERIAL	ORAL LD ₅₀ , mg/kg	SKIN LD ₅₀ , mg/kg	INHALATION VAPOR LC ₅₀ , mg/L/4hr	INHALATION DUST/MIST LC ₅₀ , mg/L/4hr
CORNBELT® OPTILOX™	>5,000.00	>5,000.00	Not Applicable	Not Applicable
ITEM	CATEGORY		HAZARD	
Acute Toxicity (mouth)	---		Not Applicable	
Acute Toxicity (skin)	---		Not Applicable	
Acute Toxicity (inhalation)	---		Not Applicable	
Skin corrosion/irritation	---		Not Applicable	
Eye damage/irritation	---		Not Applicable	
Sensitization (respiratory)	---		Not Applicable	
Sensitization (skin)	---		Not Applicable	
Germ toxicity	---		Not Applicable	
Carcinogenicity	---		Not Applicable	
Reproductive toxicity	---		Not Applicable	
Specific target organ systemic toxicity (single exposure)	---		Not Applicable	
Specific target organ systemic toxicity (repeated exposure)	---		Not Applicable	
Aspiration hazard	---		Not Applicable	

Possible Routes of Entry: Oral, Dermal, Inhalation

Symptoms and Effects (Acute and Delayed):

No adverse symptoms or effects anticipated under normal handling conditions. No information available.

12. ECOLOGICAL INFORMATION**12.1 TOXICITY:**

No additional information provided for this product.

12.2 PERSISTENCE AND DEGRADABILITY:

There is no data available on the preparation itself.

12.3 BIOACCUMULATIVE POTENTIAL:

No data available

12.4 MOBILITY IN SOIL:

No data available

12.5 PBT AND vPvB RESULTS:

This product does not contain PBT/vPvB chemicals.

12.6 OTHER ADVERSE EFFECTS:

No data available

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this Safety Data Sheet, advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply. Dispose of contents in accordance with local and national regulations.

14. TRANSPORT INFORMATION

14.1 DOT/UN PROPER SHIPPING NAME:	Not regulated
14.2 DOT HAZARD CLASS:	Not applicable
14.3 DOT PACKING GROUP:	Not applicable

15. REGULATORY INFORMATION

Section 15 is not intended to be all-inclusive - only selected regulations are represented.

15.1 TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

15.2 NFPA:

Health Hazards	0
Flammability	1
Instability	0
Special Hazards	-

15.3 PROPOSITION 65 - CARCINOGENS (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

15.4 PROPOSITION 65 - FEMALE REPRODUCTIVE TOXINS (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

15.5 PROPOSITION 65 - MALE REPRODUCTIVE TOXINS (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. OTHER INFORMATION

SDS VERSION: 11/14/2024

The information and recommendations contained in this Safety Data Sheet are understood to be correct by Van Diest Supply Company. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. Information in this SDS follows different criteria from, and serves a different purpose than the product labeling.