

SAFETY DATA SHEET

This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication 29 CFR 1910.1200 (g)(2).

Neatland Care SE

Version Revision Date:
2.0 10/20/2025

1. IDENTIFICATION OF THE PRODUCT & COMPANY

Product Name: **Neatland Care SE**

Other means of identification: EPA Reg. No. 103087-10

Intended Use: Fungicide

Company Identification:

Longwind Cropsience USA LLC.
8 THE GREEN, STE A, DOVER, KENT,
DE, 19901, UNITED STATES

Emergency Information: In the event of a leak, fire or medical emergency involving a human or animal please call INFOTRAC: 1-800-535-5053 or Outside the USA and Canada at 1-352-323-3500, 24/7/365.

2. HAZARD IDENTIFICATION

GHS-US classification

Health and Environmental Hazards:

Oral	Category 4
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Required Label Elements



Pictograms:

Signal Word:

Warning

Hazard Statements:

Harmful if swallowed

Precautionary Statements:**Prevention:**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Response:

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

Storage and Disposal:

Store locked up

Store in a well-ventilated place. Keep cool

Dispose of contents/container to an approved waste disposal plant

Other information

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	CONTENT %	Active Ingredient
Metalaxyl-M	70630-17-0	10.9	X
Azoxystrobin	131860-33-8	28.2	X
Castor Oil, ethoxylated	61791-12-6	Trade secret	
Other ingredient	PROPRIETARY	<10.0%	

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Skin contact: If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call doctor for treatment advice.

Eye contact: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call doctor for treatment advice.

Ingestion: If swallowed: Call doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so after calling doctor. Do not give anything by mouth to an unconscious person.

Inhalation: If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call doctor for further treatment advice.

Most important symptoms/effects: Not applicable.

Indication of immediate medical attention and special treatment needed: There is no specific antidote if this product is ingested. Treat symptomatically.

5. **FIRE FIGHTING MEASURES**

Suitable Extinguishing Media: Use dry chemical, foam or CO2 extinguishing media. If water is used to fight fire, dike and collect runoff.

Fire and Explosion Hazards: During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

Special protective equipment for fire-fighters: Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.

6. **ACCIDENTAL RELEASE MEASURES**

Personal precautions: As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC and Nitrile. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product.

Method for cleaning up: Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions in Protective Equipment Section. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. **HANDLING AND STORAGE**

Handling: Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Conditions for safe storage, including any incompatibilities: Not applicable

8. **EXPOSURE CONTROL/PERSONAL PROTECTION**

Control parameters

Exposure Limits

Chemical Name	OSHA PEL	ACGIH TLV
Metalaxyl-M	Not Established	Not Established
Azoxystrobin	Not Established	Not Established

Appropriate engineering controls

Engineering Controls:

Use effective engineering controls to comply with occupational exposure limits (if applicable).

Individual protection measures, such as personal protective equipment

Eye Protection: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin Protection: Wear Where contact is likely, wear chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride

[PVC] or Viton), coveralls, socks and chemical-resistant footwear.

Ingestion Protection: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Inhalation Protection: A respirator is not normally required when handling this substance. Use effective engineering controls to comply with occupational exposure limits.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Pure white liquid
Odor:	Weak pungent
Melting/Freezing Point:	Not determined
pH:	6.90 at 25.1°C
Solubilities:	Not determined
Flash point:	>106.6°C
Density:	1.1219 g/ml at 20°C ± 0.5°C
Explosibility:	No Explosibility
Viscosity:	1.120 Pa-S at 20 ± 0.2 °C; 0.765 Pa-S at 40 ± 0.5 °C

10. **STABILITY AND REACTIVITY**

Reactivity: Not reactive.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Not Available

Incompatible Materials: None known.

Hazardous Decomposition Products: Not Available

11. **TOXICOLOGICAL INFORMATION**

Product Information

Acute toxicity

Ingestion: Oral (LD50 Rat) : 1459 mg/kg body weight
Dermal: Dermal (LD50 Rat) : > 5,000 mg/kg body weight
Inhalation: Inhalation (LC50 Rat) : > 2.58 mg/l air - 4 hours
Eye Contact: Moderately Irritating (Rabbit)
Skin Contact: Slightly Irritating (Rabbit)
Skin Sensitization: Not a Sensitizer (Guinea Pig)

Chronic/Subchronic toxicity

Azoxystrobin : No adverse effect has been observed in chronic toxicity tests.

Metalaxyl-M: Liver effects at high dose animal tests.

Carcinogenicity

Azoxystrobin : Did not show carcinogenic effects in animal experiments.

Metalaxyl-M: None observed.

Reproductive toxicity

Azoxystrobin : Did not show reproductive toxicity effects in animal experiments.

Metalaxyl-M: None observed.

Target Organ

Azoxystrobin : Liver

Metalaxyl-M: Liver

12. **ECOLOGICAL INFORMATION**

Eco-Acute Toxicity

Azoxystrobin :
Fish (Rainbow Trout) 96-hour LC50 470 ppb
Green Algae 5-day EC50 106 ppb
Invertebrate (Water Flea) 48-hour EC50 259 ppb
Bird (Mallard Duck) 14-day LD50 > 250 mg/kg

Metalaxyl-M:

Fish (Rainbow Trout) 96-hour LC50 > 121 ppm
Invertebrate (Water Flea) Daphnia Magna 48-hour EC50 > 113 ppm
Bird (Bobwhite Quail) 14-day LD50 981 mg/kg

Environmental Fate**Azoxystrobin :**

The information presented here is for the active ingredient, azoxystrobin
Low bioaccumulation potential. Not persistent in soil. Stable in water.
Moderate mobility in soil. Sinks in water (after 24 h)

Metalaxyl-M:

The information presented here is for the active ingredient, mefenoxam.
Does not bioaccumulate. Not persistent in soil or water. Moderate
mobility in soil. Mixes/sinks (after 24 h).

13. DISPOSAL CONSIDERATIONS

Disposal:

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations

Characteristic Waste: Not Applicable

Listed Waste: Not Applicable

14. TRANSPORTATION INFORMATION

DOT Classification

Ground Transport - NAFTA

Not regulated

Comments

Water Transport - International

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (Azoxystrobin), Marine Pollutant

Hazard Class or Division: Class 9

Identification Number: UN 3082

Packing Group: PG III

Air Transport

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (Azoxystrobin)

Hazard Class or Division: Class 9

Identification Number: UN 3082

Packing Group: PG III

15. REGULATORY INFORMATION

Pesticide Registration:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

Caution: Harmful if swallowed. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid contact with eyes or clothing.

EPA Registration Number(s): 103087-10

EPCRA SARA Title III Classification:

Section 311/312 Hazard Classes: Acute Health Hazard

Section 313 Toxic Chemicals: None

16. OTHER INFORMATION

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact the company.