

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 Guard SC

Version Revision Date:
3.0 01/23/2026

1. IDENTIFICATION OF THE PRODUCT & COMPANY

Product Name: Neatland Guard SC

Other means of identification: EPA Reg. No. 103087-6

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:

Inhalation	Category 4
Skin irritating	Category 3
Carcinogenicity	Category 2
Eye Damage/Irritation	Category 2A
Specific Target Organ Toxicity	Respiratory Irritation Category 3

Required Label Elements



Pictograms:

Signal Word: Danger

Hazard Statements:

May cause an allergic skin reaction

Hazard Statements:

Causes serious eye irritation

Toxic if inhaled

May cause respiratory irritation

Suspected of causing cancer

Precautionary Statements:

Obtain special instructions before use

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

IF exposed or concerned: Get medical advice/attention

Avoid breathing mist, vapors, spray.

Wash hands and face thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves, protective clothing, eye protection.

Wear eye protection.

If on skin: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

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.

Call a poison center, doctor or Syngenta.

See Section 4 First Aid Measures.

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents and container in accordance with local regulations.

Other Hazard Statements:

None.

3. **COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS Number	CONTENT %	Active Ingredient
Metalaxyl-M	70630-17-0	3.31-3.64	X
Chlorothalonil	1897-45-6	33.74-35.82	X
Ethyl glycol	107-21-1	Trade secret	
Other ingredient	PROPRIETARY	56.52	

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:

Eye irritation

Allergic skin reaction

Respiratory irritation

Indication of immediate medical attention and special treatment needed: There is no specific antidote if this product is ingested. Treat symptomatically. Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.

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: Follow exposure controls/personal protection outlined in Section 8.

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: Store locked up.

8. **EXPOSURE CONTROL/PERSONAL PROTECTION**

Control parameters

Exposure Limits

Chemical Name	OSHA PEL	ACGIH TLV
Metalaxyl-M	Not Established	Not Established
Chlorothalonil	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. In case of emergency spills, use a NIOSH certified respirator with any N, R, P or HE filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Signal white liquid
Odor:	Odorless
Melting/Freezing Point:	Not applicable
pH:	6 - 8 (1% in deionized water)
Solubilities:	Not determined
Flash point:	>86.6 °C at 1001.2 hPa
Density:	1.15 g/ml at 20°C
Explosibility:	No Explosibility
Viscosity:	284.4 mPa-S at 20 ± 0.2 °C(20 RPM); 201.7 mPa-S at 20 ± 0.2 °C(25 RPM); 170.5 mPa-S at 20 ± 0.2 °C(30 RPM); 206.5 mPa-S at 20 ± 0.2 °C(20 RPM); 182.8 mPa-S at 20 ± 0.2 °C(25 RPM); 166.3 mPa-S at 20 ± 0.2 °C(30 RPM);

10. STABILITY AND REACTIVITY

Reactivity: Not reactive.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Ingestion: Oral (LD50 Rat) : > 2000 mg/kg body weight
Dermal: Dermal (LD50 Rat) : > 2000 mg/kg body weight
Inhalation: Inhalation (LC50 Rat) : > 1 mg/l air - 4 hours
Eye Contact: Severely Irritating (Rabbit)
Skin Contact: Mild Irritating (Rabbit)
Skin Sensitization: Non-Sensitizing (Guinea Pig)

Chronic/Subchronic toxicity

Chlorothalonil: In dogs, 1 year administration caused a significant decrease in body weight gain and increases in absolute liver and kidney weights.

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

Carcinogenicity	Chlorothalonil: Chlorothalonil causes kidney tumors in rats and mice via a nongentoxic mode of action secondary to target organ toxicity. Did not show mutagenic effects in animal experiments. IARC identifies chlorothalonil as a 2B carcinogen (possibly carcinogenic to humans). Metalaxyl-M: None observed.
Reproductive toxicity	Chlorothalonil: Did not show reproductive toxicity effects in animal experiments. Did not show teratogenic effects in animal experiments. Metalaxyl-M: None observed.
Target Organ	Chlorothalonil: Lung, kidney Metalaxyl-M: Liver

12. ECOLOGICAL INFORMATION

Eco-Acute Toxicity	Chlorothalonil: Green Algae 5-day EC ₅₀ 190 ppb Bird (Mallard Duck) LD ₅₀ Oral > 4640 mg/kg Invertebrate (Water Flea) 48-hour EC ₅₀ 70 ppb Fish (Rainbow Trout) 96-hour LC ₅₀ 47 ppb Metalaxyl-M: Fish (Rainbow Trout) 96-hour LC ₅₀ > 121 ppm Invertebrate (Water Flea) Daphnia Magna 48-hour EC ₅₀ > 113 ppm Bird (Bobwhite Quail) 14-day LD ₅₀ 981 mg/kg
Environmental Fate	Chlorothalonil: The information presented here is for the active ingredient, chlorothalonil. Low bioaccumulation potential. Not persistent in soil or water. Low mobility in soil. Sinks in water (after 24 h). Metalaxyl-M: The information presented here is for the active ingredient, Metalaxyl-M. 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

UN Number: 2902

Proper Shipping Name: PESTICIDE, LIQUID, TOXIC, N.O.S.

Hazard Class or Division: Class 6.1

Packing Group: PG II

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: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

EPA Registration Number(s): 103087-6

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.