Maxunitech North America, Inc.

SAFETY DATA SHEET

Issue Date 19-Mar-2025 **Version** #1

1. IDENTIFICATION

Product identifier

Product Name Maxunitech® Chlorantraniliprole 200SC

Other means of identification

Synonyms Chlorantraniliprole: 3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide (CAS name)

Registration Number(s) PCP No. 35432

Recommended use of the chemical and restrictions on use

Recommended Use Insecticide

Uses advised against Use according to label

Supplier's details

Maxunitech North America, Inc.
11601 Shadow Creek Pkwy, Suite 111-573
Pearland, TX
77584, USA
1-855-462-9621

Emergency telephone number

Company Phone Number 1-855-462-9621

Emergency Telephone For spills or transportation accidents, Chemtrec, 1-800-424-9300.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (GHS Rev.10)

Hazardous to aquatic environment, acute -Category 1

GHS label elements, including precautionary statements

Warning

Hazard Statements

H400: Very toxic to aquatic life

Precautionary Statements - Prevention

P273 - Avoid release to the environment.

Precautionary Statements - Response

P391 Collect spillage.

Precautionary statement(s) Storage

Precautionary Statements - Disposal

P501 - Dispose of contents/container to in accordance with local regulations.

Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

Other Information

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable

Mixture

Chemical Name	CAS No.	%
Chlorantraniliprole	500008-45-7	17.39-19.05
propane-1,2-diol	57-55-6	>= 5 - < 10

4. FIRST AID MEASURES

Description of necessary first aid measures

Eye contact Flush eyes with clean water, holding eyelids apart for a minimum of 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.

Skin contact Immediately remove contaminated clothing and wash skin, hair and fingernails thoroughly with soap and water. Flush skin with plenty of water for 15-20 minutes.

Inhalation Move victim to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Ingestion If swallowed, Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

Most important symptoms and effects, both acute and delayed None known.

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical, CO_2, water spray or regular foam.

Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.

Special hazards arising from the chemical Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products	Fire may produce irritating, corrosive and/or toxic gases.
Explosion data	
Sensitivity to Mechanical Impact	No information available.
Sensitivity to Static Discharge	No information available.
Protective equipment and precautions for firefighters	Firefighters should wear protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Evacuate personnel to safe areas. Do not touch or walk through the spilled material. If it can be safely done, stop the leak. Use personal protective equipment. Never return spills in original containers for re-use. Mark the contaminated area with signs and prevent access to unauthorized personnel. Only qualified personnel equipped with suitable protective equipment may intervene.
Other	For further clean-up instructions, call Maxunitech North America, Inc. Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	Never return spills in original containers for re-use. Pick up and transfer the spilled material to a properly labeled contain- er without creating dust. For spills on concrete or other non-porous surfaces, the area can be cleaned using a small quan- tity of soap and water. Do not allow the cleaning solution to enter drains. Use an inert absorbent material to soak up the cleaning solution and transfer it to the properly labeled con- tainer. When the spill occurs on soil, the only effective way to decontaminate the area is to remove the top 5 to 7 centime- ters of soil.

7. HANDLING AND STORAGE

Handling	KEEP OUT OF REACH OF CHILDREN. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Avoid breathing vapours or spray mist. Wear full protective clothing and equipment (see Section 8). After work, rinse gloves and remove protective equipment, and wash hands thoroughly with soap and water after handling, and before eating, tobacco use, drinking, applying cosmetics or using the toilet. Wash contaminated clothing before re-use and separate from household laundry. Keep containers closed when not in use. Protect product, wash or rinse water, and contaminated materials from uncontrolled release into the environment, or from access by animals, birds or unauthorized people.
Storage	Store in a place accessible by authorized persons only. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards. The product is stable under normal conditions of warehouse storage. Store in closed, labelled containers. The storage room should be constructed of incombustible material, closed, dry, ventilat- ed and with impermeable floor, without access of unauthor- ised persons or children. The room should only be used for storage of chemicals. Food, drink, feed and seed should not be present. A hand wash station should be available.
Incompatible products	None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
propane-1,2-diol 57-55-6	TWA (Va-pour and aerosols)	50 ppm 155 mg/m^3	CA ON OEL
	TWA (aero- sol)	10 mg/m^3	CA ON OEL

Appropriate engineering controls

Engineering measures

The following recommendations for exposure controls/personal protection are intended for the manufacture, formulation, packaging and use of this product.

Consult the product label for commercial applications and/or on- farm applications.

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.

The extent of these protection measures depends on the actual risks in use.

Maintain air concentrations below occupational exposure standards.

Where necessary, seek additional occupational hygiene advice.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Where eye contact is likely, wear chemical goggles or a full-face shield. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin and Body Protection

Impervious clothing Long sleeved clothing. Footwear protecting against chemicals. Choose body protection according to the amount and con- centration of the dangerous substance at the work place.

Hand protection

Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.

The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Respiratory protection

In case of mist, spray or aerosol exposure wear suitable per-sonal respiratory protection and protective suit.

Hygiene measures

Avoid contact with skin, eyes and clothing. This product should be used only by all personnel thoroughly trained to handle it. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Do not inhale aerosol. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Off-white to beige liquid
Physical State	Liquid
Color	Off-white to beige
Odor	characteristic odor
Odor threshold	not information available
pH	5.0-9.0, 1% aqueous solution @ 20°C
Density	1.05-1.15 g/mL (20 °C)
Melting point/freezing point	No information available

Boiling Point/Range	No information available
Flash point	> 93 °C
Flame extension	Not Applicable
Evaporation Rate	No information available
Flammability (solid, gas)	Not Applicable
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available
Explosive properties	Not explosive
Oxidizing properties	No information available
Bulk density	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity	No decomposition if stored and applied as directed.
Chemical stability	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	No decomposition if stored and applied as directed.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Avoid formation of aerosol. Heat, flames and sparks. Protect from frost, heat and sunlight. Heating of the product will produce harmful and irritant va- pours.
Incompatible materials	Strong oxidizing agents Strong acids and strong bases
Hazardous decomposition products	Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure

The acute toxicity information of the formulated product:

LD_{50} Oral	> 5000 mg/kg (rat)
LD_{50} Dermal	> 2000 mg/kg (rat)
LC_{50} Inhalation	> 16.621 mg/L 4 hr (rat)
Serious eye damage/eye irritation	Not an eye irritant (rabbit)
Skin corrosion/irritation	Not a skin irritant (rabbit)
Sensitization	Not a skin sensitizer (Guinea Pig)

Data presented below are based on the active ingredient.

Information on toxicological effects

Symptoms None.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Chlorantraniliprole: Not carcinogenic in rats and mice.
	propane-1,2-diol: Not carcinogenic in rats
Reproductive toxicity	Chlorantraniliprole: Did not show reproductive toxicity effects in animal experiments.
	propane-1,2-diol: Did not show reproductive toxicity effects in animal experiments.
Mutagenicity	Chlorantraniliprole: No mutagenic effects.
	propane-1,2-diol: No mutagenic effects.
STOT - single exposure	Chlorantraniliprole: The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT - repeated exposure	Chlorantraniliprole: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Aspiration hazard	The substance does not have properties associated with aspiration hazard potential.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish	LC50 (Lepomis macrochirus (Bluegill sunfish)): > 9.9 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 0.035 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	ErC50 (Pseudokirchneriella subcapitata (green algae)): > 20 mg/l Exposure time: 72 h
Toxicity to terrestrial organisms	LD50 (Apis mellifera (bees)): > 0.1141 mg/kg Exposure time: 2 d Remarks: Oral LD50 (Apis mellifera (bees)): > 0.100 mg/kg Exposure time: 2 d Remarks: Contact
Persistence and Degradability	Chlorantraniliprole: Not readily biodegradable. Degradation half life (DT50): 10 d (25 °C) pH: 9 Degradation half life (DT50): 0.3 d (50 °C) pH: 9 Degradation half life (DT50): > 31 d pH: 5 propane-1,2-diol: Readily biodegradable.
Bioaccumulation	Remarks: Does not bioaccumulate. Estimation based on data obtained on active ingredient.
Mobility	Chlorantraniliprole: Mobile in soils.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Disposal should be made in accordance with federal, provincial and local regulations.

Contaminated packaging

Do not reuse container for any purpose. If applicable, return container in accordance with return program. If a recyclable container, dispose of at a container collection site. Contact local distributor, dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site, triple or pressure rinse the empty container adding rinsings to spray tank, and make container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

14. TRANSPORT INFORMATION

UNRTDG

UN number	UN 3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole)
Class	9
Packing group	III
Labels	9
Environmentally hazardous	yes

IATA-DGR

UN/ID No.	UN 3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole)
Class	9
Packing group	III
Labels	Miscellaneous
Packing instruction (cargo aircraft)	964
Packing instruction (passen- ger aircraft)	964
Environmentally hazardous	yes

IMDG-Code

UN number	UN 3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole)
Class	9
Packing group	III
Labels	9
EmS Code	F-A, S-F
Marine pollutant	yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

TDG

UN number	UN 3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole)
Class	9
Packing group	III
Labels	9
ERG Code	171
Marine pollutant	yes(Chlorantraniliprole)

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and var- iations in regional or country regulations.

15. REGULATORY INFORMATION

US Federal Regulations

Does not apply

US State Regulations

Does not apply

International Inventories

Chemical name	TSCA (United States)	DSL (Canada)	EINECS/ELINCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Chlorantraniliprole 500008-45-7								
propane-1,2-diol 57-55-6								

Canadian Regulations

Any Canadian specific regulatory information

Read the approved label, authorized under the Pest Control Products Act, prior to using or handling the pest control product.

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control product label:

None

Canadian lists

No substances are subject to a Significant New Activity Notification.

When used as directed, this product does not present a hazard to humans or domestic animals.

16. OTHER INFORMATION

Maxunitech North America, Inc.

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Revision: #1

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

ADD: 11601 Shadow Creek Pkwy, Suite 111-573, Pearland, TX 77584, USA