



SHERWOOD CORPORATION (THAILAND)
PUBLIC COMPANY LIMITED

SAFETY DATA SHEET

PRETILACHLOR

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Effective Date: December 06, 2024

Version No. 1.0 Printed Date: December 06, 2024

SECTION 1. CHEMICAL IDENTIFICATION

1.1 Product Description

Product Name **PRETILACHLOR**

1.2 Manufacturer and Distributors

Manufacturer Pato Chemical Industry Public Co.,Ltd.

Address Pato Building 3388,New Petchburi Road,Bangkok 10310,Thailand

Contact Tel. (+66) 2318-5612 Fax. (+66)2318-0360

Distributors **Sherwood Corporation (Thailand) Public Company Limited**

Address 90/1 Moo 9, Wellgrow Industrial Estate, Km.36 Bang Na-Trad Road, Bang Wua, Bang Pakong District, Chachoengsao 24180, Thailand

Contact Tel. (+66) 3852-2302 Fax. (+66) 3852-2311

Website <http://www.sherwood.co.th>

1.3 Emergency telephone number

Emergency Contact Tel. (+66) 9-5957-4010

SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	Cas No.	Proportion	Exposure Limit	Toxicity Data
Pretilachlor	51218-49-6	30%	Refer to Section 9.	Refer to Section 11.
Surfactant	-	5 %		
Solvents	-	Balance		

SECTION 3 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Brown liquid

Melting Point/Range: not applicable

Boiling Point/Range: not applicable

Flash-Point: $\geq 65^{\circ}\text{C}$

Density: 1.027 @ 27 °C

pH Value: 5.97 (1 %; in deionised water) CIPAC MT 75

Partition Coefficient (log): not applicable

Miscibility with water: miscible

SECTION 4 : HAZARD IDENTIFICATION

Caution! May cause eye, skin, and respiratory tract irritation. May cause allergic skin reaction.

Very toxic to aquatic organisms.

Potential Health Effects

Harmful: may cause lung damage if swallowed. Irritating to skin and eyes. May cause sensitization by skin contact.

Environmental hazard in case of accident (Spillage/Leakage): Toxic to fish.

SECTION 5 : FIRST AID MEASURES

First-Aid Measures

General: Remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from undercooling. **IN CASE OF SUSPECTED POISONING:** Immediately call a physician.

Eye Contact: Rinse eyes with clean water for several minutes and immediately call a physician.

Ingestion: Repeatedly administer medicinal charcoal in a large quantity of water. **NOTE:** Never give anything by mouth to an unconscious person. Do not induce vomiting.

Skin Contact: Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water, including hair and under fingernails.

Medical Instructions

Antidote: No specific antidote is known! Apply symptomatic therapy.

Experiences Specific to Man: No case of human poisoning is on record.

SECTION 6 : FIRE FIGHTING MEASURES

Combustibility: yes

Extinguishing media

Suitable Extinguishing Media: Dry chemical extinguisher, foam, carbon dioxide or waterspray (do not use direct jet of water).

Fire fighting

Special Hazards during Fire Fighting: Combustion products are toxic and/or irritant. Measures have to be taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably.

Protective Equipment for Fire Fighting: Use self contained breathing apparatus. Wear protective equipment.

Swiss Fire Prevention Class: F3 L

SECTION 7 : ACCIDENTAL RELEASE MEASURE

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

Environmental precautions: Prevent contamination of water.

SECTION 8 : HANDLING AND STORAGE

Handling information

General: Avoid contact with skin, eyes and clothing. Avoid inhalation of fog and vapours. Do not eat, drink or smoke while working. In addition to the measures usually taken in chemical works like splashproof filling and measuring equipment (including vapour stripping), further personal protection measures may have to be implemented to avoid possible contact with the product.

Storage information

Special Instructions for Storage: Store the product in closed original containers. Protect from light and humidity.

Storage Compatibility with other Products: Store separately from feed, food and stimulants.

SECTION 9 : EXPOSURE CONTROL AND PERSONAL PROTECTION

Personal protective equipment

In General: Change working clothes daily.

Breathing Protection: Gas mask with universal filter.

Eye Protection: Goggles or face-shield

Hand Protection: Chemical-resistant gloves

Body Protection: Heavy duty cotton or synthetic fabric working clothes (e.g. overalls). Heavy-duty shoes or boots.

Precautionary measures after work: Wash thoroughly (shower, bathe, wash hair). Change clothing. Thoroughly clean protective gear. Thoroughly clean contaminated equipment with soap or soda solution.

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability

Assessment: Stable under standard conditions.

Sensitivity to humidity: not sensitive to humidity

Air Sensitivity: not sensitive to air

Sensitivity to light: not sensitive to light

SECTION 11 : TOXICOLOGICAL INFORMATION (TECHNICAL)

Acute Oral Toxicity OECD 401

LD50: 3196 mg/kg (rat)

Acute Dermal Toxicity OECD 402

LD50: > 2000 mg/kg (rat)

Acute Inhalation Toxicity OECD 403

LC50: > 6000 mg/m³ (rat; 4 h)

Acute Skin Irritation: irritant (rabbit) OECD 404

Acute Eye Irritation: irritant (rabbit) OECD 405

Skin Sensitization: sensitizing (guinea pig)

Precautionary measures after work: Wash thoroughly (shower, bathe, wash hair). Change clothing. Thoroughly clean protective gear. Thoroughly clean contaminated equipment with soap or soda solution.

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SECTION 12 : ECOLOGICAL INFORMATION (TECHNICAL)

Environmental hazard in case of accident (Spillage/Leakage): Toxic to fish.

SECTION 13 : DISPOSAL INFORMATION

Disposal

Product Disposal: Pay attention to protective clothing and measures. Cover up product with absorptive material such as sand, soil, diatomaceous earth, etc. Collect material in specially marked, tightly closing containers. Clean dirty areas with water and detergent. Put washing water in containers too, to avoid any contamination of surface and ground water, water supplies and drains. Hose down the area for a prolonged period. Heavily contaminated soil layers have to be dug out down to clean soil. Spilled product cannot be used further and must be disposed of. If safe disposal is not possible, contact the manufacturer, the dealer or the local representative and dispose of in an incinerator approved for chemicals.

Container Disposal: Dispose of empty containers in an incinerator approved for chemicals.

Damaged containers: Place original containers in specially marked larger ones. Check possibilities of recycling large empty containers, drums and barrels.

SECTION 14 : TRANSPORT INFORMATION

This product is not hazardous under the applicable UN, ICAO/IATA, or IMDG regulations.



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SECTION 15 : REGULATORY INFORMATION

EU-Classification

Labelling Requirement required

Type of Classification Self-Classification

Hazard Symbol Xn Harmful

Special Risks 36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact.

65 Harmful: may cause lung damage if swallowed.

Safety Advice 2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

20/21 When using do not eat, drink or smoke.

24 Avoid contact with skin.

37 Wear suitable gloves.

46 If swallowed, seek medical advice immediately and show this container or label.

62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 16 : OTHER INFORMATION

Disclaimer

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the PRODUCT AS SUCH. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces formulations(s) containing this product, it is the recipient's sole responsibility to ensure the transfers of all relevant information from this MSDS to their own MSDS.