



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product Name:** PROSlam™ 4SC

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Herbicide. For Postemergence Control of Grass and Broadleaf Weeds in Rice Fields.

**Uses advised against:** Activities contrary to label instructions.

**Details of the Supplier of the Safety Data Sheet**

PRORICE LLC.  
5100 Poplar Ave, Suite 325  
Memphis, TN 38138

**Telephone:** 870-995-6170

**Emergency Telephone Number:**

**Chemtrec** 1-800-424-9300 (in the US and Canada)  
+1 703 741-5970 (outside the US and Canada)  
**Chemtrec Customer # 998720**

**Date of Revision:** September 29, 2023

### 2. HAZARDS INFORMATION

**Classification of the Substance or Mixture**

**Physical:** Not hazardous

**Health:** Not hazardous

**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.**

**Label Elements:** None Required

**Other Hazards:** None known.

### 3. COMPOSITION/INFOMATION ON INGREDIENTS

Ingredient	CAS #	Concentration (wt.%)
Non-Hazardous Mixture	Proprietary	58.4%
Propanil: 3',4'-Dichloropropionanilide	709-98-8	41.6%



## SAFETY DATA SHEET

### 4. FIRST AID MEASURES

#### Description of first aid measures

**If inhaled:** Move person to fresh air. Keep comfortable for breathing. Seek medical attention if irritation or symptoms persist.

**In case of skin contact:** Remove contaminated clothing and wash the affected areas with soap and water for several minutes. Seek medical attention if irritation, or other symptoms develop or persist. Launder contaminated clothing before reuse.

**In case of eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation develops or persists.

**If swallowed:** Rinse their mouth with water. Never give anything by mouth to a person who is unconscious or drowsy. Seek medical attention if you feel unwell.

**Most important symptoms and effects, both acute and delayed:**

May cause eye and skin irritation. May cause mild irritation to respiratory tract if inhaled. Ingestion may cause gastrointestinal irritation and upset.

**Indication of any immediate medical attention and special treatment needed:**

Immediate medical attention is not expected to be required.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media:**

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**Special hazards arising from the substance or mixture:**

Not flammable or combustible but may burn under fire conditions. Burning may produce Hydrogen chloride and Chlorine gas.

**Advice for firefighters:**

Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing to avoid contact.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:**

Avoid contact with skin, eyes, and clothing. Do not breathe spray or mist. Keep unprotected and unnecessary personnel away from spill area. Stop leak if it is safe to do so. Do not attempt to take action without suitable protective equipment. See Section 8 for exposure controls and personal protection.



## SAFETY DATA SHEET

### **Environmental Precautions:**

Avoid accidental releases to the environment. Report releases as required by local and national authorities.

### **Methods and Material for Containment and Cleaning Up:**

Dike spill using absorbent or impervious materials such as earth, sand, or clay. Collect and contain contaminated absorbent and dike material for disposal. See Section 13 and product label for Waste Disposal information.

## **7. HANDLING AND STORAGE**

### **Precautions for Safe Handling:**

Use suitable protective equipment. Avoid breathing spray or mists. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Read and follow use instructions on product label.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **Conditions for Safe Storage, Including any Incompatibilities:**

Read and follow storage instructions on product label.

Do not contaminate water, food, or seed by storage and disposal.

**PESTICIDE STORAGE:** Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Store at temperatures above 32°F. If product is allowed to freeze, warm to 50°F and agitate before using. Containers should not be stacked more than three (3) containers high. Reclose all partially used containers by thoroughly tightening screw cap. Damaged or leaking containers that contain product that cannot be used immediately should be transferred to suitable sound containers and properly marked. Any spilled materials should be thoroughly absorbed with a suitable absorbent, swept up and transferred to a new or waste container for disposal as indicated under "Pesticide Disposal". For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities. To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification. Opened, partially used pesticides should be stored in original containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container. Keep containers closed when not in use.

## **8. EXPOSURE CONTROL AND PERSONAL PROTECTION**

### **Control Parameters:**

### **Occupational Exposure Limits:**



## SAFETY DATA SHEET

Non-Hazardous Mixture	None Established
Propanil	None Established

**Engineering controls:**

Use with general or adequate local exhaust ventilation to minimize exposure levels. Follow good industry hygiene and safety practices to minimize exposure. See product label for specific requirements. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Respiratory Protection:** If exposure is excessive, an approved respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

**Skin Protection:** Impervious chemical resistant gloves recommended. See product label for specific requirements.

**Eye Protection:** Use safety glasses or goggles.

**Other Protection:** Wear chemically protective clothing. See product label for specific requirements.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties:**

<b>Appearance:</b>	Light tan liquid	<b>Explosive limits:</b>	<b>LEL:</b> Not applicable <b>UEL:</b> Not applicable
<b>Color:</b>	Light tan	<b>Physical state:</b>	Liquid
<b>Odor:</b>	Sweet	<b>Vapor pressure (mmHg):</b>	0.00004 (20°C) (Active ingredient)
<b>Odor threshold:</b>	Not determined	<b>Vapor density:</b> (Air = 1)	>1
<b>pH:</b>	~6.0	<b>Relative density:</b>	1.164
<b>Melting/freezing point:</b>	Not determined	<b>Solubility(ies):</b>	Readily soluble in water
<b>Initial boiling point and boiling range:</b>	Not determined	<b>Partition coefficient: n-octanol/water:</b>	Not determined



## SAFETY DATA SHEET

<b>Flash point:</b>	Not determined	<b>Auto-ignition temperature:</b>	Not applicable
<b>Evaporation rate:</b> (n-BuAc = 1)	Not determined	<b>Decomposition temperature:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not applicable	<b>Kinematic Viscosity: (cSt)</b>	Not determined
<b>Explosive Properties:</b>	Not explosive	<b>Oxidizing Properties:</b>	None

**Other Information:** None available.

### 10. STABILITY AND REACTIVITY

**Reactivity:** Not Reactive.

**Chemical Stability:** Stable under normal conditions. Hazardous polymerization does not occur.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** Exposure to incompatible materials.

**Incompatible materials:** Strong bases, Strong oxidizing agents, Strong acids.

**Hazardous decomposition products:** Thermal decomposition can lead to the release of irritating gases and vapors. Hydrogen chloride. Organic acids. Chloramines.

### 11. POTENTIAL HEALTH EFFECTS

#### Toxicological Information

**Inhalation:** May cause slight respiratory tract irritation.

**Ingestion:** Ingestion may cause gastrointestinal irritation and upset.

**Skin:** May cause mild skin irritation.

**Eyes:** May cause mild eye irritation.

**Chronic Health Effects:** None known.

**Eye Irritation / Damage:** Not classified. May cause mild eye irritation.

**Skin Irritation / Corrosivity:** Not classified. May cause mild skin irritation.

**Sensitization:** Not classified as a skin sensitizer.



## SAFETY DATA SHEET

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, ACGIH, NTP or OSHA.

**Germ Cell Mutagenicity:** No specific data are available. No adverse effects are expected.

**Reproductive Toxicity:** No specific data are available. No adverse effects are expected.

**Specific Target Organ Toxicity Single Exposure (STOT-SE):** Not classified.

**Specific Target Organ Toxicity Repeated Exposure (STOT-RE):** Not classified.

**Aspiration Toxicity:** Product is not an aspiration hazard.

**Numerical Measures of Toxicity:**

ProSlam: Inhalation LC50 (rat) = >3.6 mg/L; Oral LD50 (rat) = >5000 mg/kg  
Dermal LD50 (rat) = >2000 mg/kg

Propanil: Oral ATE 500mg/kg; Inhalation LC50 (rat) = 2.8 mg/L.  
Dermal LD50 (rat) = 4830 mg/kg.

## **12. ECOLOGICAL INFORMATION**

**Toxicity**

For active ingredient - Propanil

Bluegill sunfish 96 hr. LC50 = 5.4 mg/L

Rainbow trout 96 hr. LC50 = 2.3 mg/L

Daphnia magna 48 hr. EC50 = 0.14 mg/L

Estuarine and marine organism 48-96 hr. EC50 = 0.4 - 5.8 mg/L

**Persistence and Degradability:** No data available

**Bio-accumulative Potential:**

Propanil: 3.07 Log Pow

**Mobility in Soil:** No data available

**Other Adverse Effects:**

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is toxic to birds, fish and aquatic invertebrates. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.



## SAFETY DATA SHEET

Do not contaminate water intended for irrigation or domestic purposes. Do not apply when weather conditions favor drift from areas to be treated.

<b>13. DISPOSAL CONSIDERATIONS</b>
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**Waste Treatment Method:**

**Waste Disposal Method:**

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

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticides or environmental control agency, or the hazardous waste representative at the nearest EPA region office for guidance.

**CONTAINER HANDLING:**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer container for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures allowed by state and local authorities.

<b>14. TRANSPORTATION INFORMATION</b>
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	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
<b>DOT*</b>	None	Not Regulated	None	None	Not applicable
<b>TDG**</b>	None	Not Regulated	None	None	Not applicable
<b>IMDG</b>	UN3082	Environmentally hazardous substances, liquid, n.o.s (Propanil)	<b>9</b>	III	Marine Pollutant
<b>IATA/ICAO</b>	UN3082	Environmentally hazardous substances, liquid, n.o.s (Propanil)	<b>9</b>	III	Marine Pollutant

\***DOT** When shipped domestically by highway in non-bulk containers this product can be shipped as not regulated.



## SAFETY DATA SHEET

**\*\*TDG** When shipped in Canada domestic highway non-bulk this product can be shipped as Not regulated as per TDG 4.22 and 1.45.1

**Special Precautions for User:** Not applicable.

**Transport in Bulk According to IMO Instruments:** Not applicable.

### 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the US 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. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**EPA Pesticide registration number:** 95172-4

**EPA Est. No:** 62171-MS-003

#### Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

##### U.S. Federal Regulations

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** This product is not subject to reporting under CERCLA. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

**Toxic Substances Control Act (TSCA):** This product is a pesticide and not subject to TSCA.

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

**SARA Section 311/312 (40 CFR 370) Hazard Categories:** See OSHA Hazard Classification in Section 2

**This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):**

Propanil	CAS 709-98-8	at	41.6%
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### 16. OTHER INFORMATION

**Date of Revision:** September 29, 2023

**Revision Summary:** New SDS

**Supersedes:** N/A