

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	TIDE PYRACLOSTROBIN SHIELD
<b>Pest Control Product Registration Number</b>	35577
<b>Recommended use</b>	Fungicide
<b>Restrictions on use</b>	See product label
<b>Canadian supplier identifier</b>	Tide International Canada, Inc. 102-245 Hanlon Creek Boulevard Canada
<b>Telephone Number</b>	+1 866 699 7717
<b>Email</b>	Not available
<b>Emergency phone number</b>	1-800-424-9300 (CHEMTREC)

## 2. Hazard identification

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015)

<b>Health hazards</b>	Flammable liquid	Category 4
	Aspiration Hazard	Category 1
	Skin corrosion/irritation	Category 2
	Serious eye damage/irritation	Category 2A
<b>Label elements</b>	 	
<b>Signal word</b>	Danger	
<b>Hazard statements</b>	H227	Combustible liquid
	H304	May be fatal if swallowed and enters airways
	H315	Causes skin irritation
	H319	Causes serious eye irritation
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
<b>Precautionary statements</b>	P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/
	P370 + P378	In case of fire: Use ... to extinguish
	P403	Store in a well-ventilated place.
	P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor/
	P331	Do NOT induce vomiting.
	P405	Store locked up
	P264	Wash ... thoroughly after handling.

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P280

Wear protective gloves.

P302 + P352

IF ON SKIN: Wash with plenty water/

P321

Specific treatment (see ... on this label)

P332+P317

If skin irritation occurs: Get medical help

P362 + P364

Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338

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

P501

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

## 3. Composition/information on ingredients

Chemical name	Common name and synonyms	CAS number	Content (w/v)
Pyraclostrobin	Not applicable	175013-18-0	250 g/L
Other	Not applicable	Not applicable	Up to 1L

## 4. First-aid measures

### Inhalation

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

### Skin contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

### Eye contact

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

### Ingestion

Take the container label or product name and Pest Control Product Registration Number with you when seeking medical attention.

### Toxicological Information

Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

This product contains petroleum distillates. Treatment should be based on judgment of the physician in response to reactions of the patient. Vomiting may cause aspiration pneumonia.

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## 5. Firefighting measures

<b>Flashpoint</b>	≥ 98 °C
<b>Suitable extinguishing media</b>	For small fire: dry chemical powder, water spray carbon dioxide. For large fire: foam, water fog, water spray.
<b>Special exposure hazards</b>	Flashback may occur along vapor trail
<b>Fire and explosion hazards</b>	Dangerous gases are evolved in the event of a fire.
<b>Fire fighting procedures</b>	Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Empty containers may contain residue product and can be dangerous. Use water spray/fog for cooling containers and firefighters. Notify proper authorities if liquid material enters the sewer or public waters.
<b>Special protective equipment and precautions for fire-fighters</b>	As with any fire, wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 6. Accidental release measures

<b>Spill and leak response</b>	Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.
<b>Personal precautions, protective equipment, and emergency procedures</b>	The proper personal protective equipment for incidental releases (such as 1 liter of product released in a well ventilated area), use impermeable gloves, goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator maybe required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with the latest OSHA and/or ANSI recommendations.
<b>Methods and materials for containment and cleaning up</b>	Absorb spilled liquid with poly pads or other absorbent materials. Clean up with non-combustible absorbent (such as sand, soil, and so on). Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

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### Environmental precautions

Stop spill at source. Construct temporary dikes of dirt, sand, or appropriate readily available material to prevent spreading of material. Close cap or valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate assistance.

## 7. Handling and Storage

### Precautions for safe handling

Handle and open container in a manner as to prevent spillage. Avoid contact with skin, eyes and clothing. Use only in area provided with appropriate exhaust ventilation.

### Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics. Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water.

### Conditions for safe storage, including any incompatibilities

Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing. Store in original container and out of the reach of children, preferably in a locked storage area. Keep away from direct sunlight. Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed.

## 8. Exposure controls/Personal protection

### Control parameters, including occupational exposure guidelines or biological exposure limits and the source of those values

Use adequate ventilation to minimize airborne concentrations of this material.

### Appropriate engineering controls

### Individual protection measures

#### Eye/face protection

Use safety glasses, goggles, or face shield.

#### Skin protection

Wear clean clothing with full length sleeves and pants.

#### Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

### Respiratory protection

Follow manufacturer's instructions for cleaning/ maintaining personal protective equipment, PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## 9. Physical and chemical properties

<b>Physical state</b>	Liquid
<b>Colour</b>	Sun-yellow to brown
<b>Odour</b>	Odorless
<b>Melting point and Freezing point</b>	Not available
<b>Boiling point, or initial boiling point and boiling range</b>	Not available
<b>Flammability</b>	Not available
<b>Lower flammable or explosive limit</b>	Not available
<b>Upper flammable or explosive limit</b>	Not available
<b>Flash point</b>	≥ 98 °C
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>pH</b>	5-8
<b>Kinematic viscosity</b>	Not available
<b>Solubility in water</b>	Emulsifiable, insoluble
<b>Partition coefficient - n-octanol/water</b>	Not available
<b>Vapour pressure</b>	Not available
<b>Density and relative density</b>	0.98-1.08 g/cm <sup>3</sup> at 20 °C
<b>Relative vapour density</b>	Not available
<b>Particle characteristics</b>	Not applicable

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use and storage conditions.
<b>Possibility of hazardous reactions</b>	Will not occur
<b>Conditions to avoid</b>	Avoid contact with heat or open flame.
<b>Incompatible Materials</b>	None known.
<b>Hazardous decomposition products</b>	Can decompose at high temperatures forming toxic gases.

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### 11. Toxicological information

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#### Information on the likely routes of exposure

##### Acute toxicity

<b>Acute oral (rat)</b>	LD <sub>50</sub> > 260 mg/kg
<b>Acute dermal (rabbits)</b>	LD <sub>50</sub> > 4000 mg/kg
<b>Acute inhalation (rats)</b>	Not available
<b>Skin corrosion/irritation</b>	Moderate skin irritation. (Rabbit)
<b>Exposure minutes</b>	Not available
<b>Erythema value</b>	Not available
<b>Oedema value</b>	Not available
<b>Serious eye damage/eye irritation</b>	Severe eye irritation. (Rabbit)
<b>Corneal opacity value</b>	Not available
<b>Iris lesion value</b>	Not available
<b>Conjunctival reddening value</b>	Not available
<b>Recover days</b>	Not available
<b>Respiratory or skin sensitization</b>	Non-sensitizing. (Mouse)
<b>Respiratory sensitization</b>	Not available
<b>Germ cell mutagenicity</b>	Not available
<b>Carcinogenicity</b>	Not available
<b>Aspiration hazard</b>	Not available
<b>Chronic effects</b>	Not available
<b>Further information</b>	Not available

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### 12. Ecological information

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<b>Ecotoxicity</b>	Fish: LC <sub>50</sub> (96 h): <i>Oncorhynchus mykiss</i> /LC <sub>50</sub> (96 h): 0.0229 mg/l Daphnia: EC <sub>50</sub> (48 h): 0.046 mg/l Algae: EC <sub>50</sub> (72 h): 0.69 mg/l Information on: Pyraclostrobin
<b>Environmental mobility</b>	Assessment transport between environmental compartments: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.
<b>Other adverse effects</b>	Not available

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## 13. Disposal considerations

<b>Information on safe handling for disposal and methods of disposal</b>	For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.
<b>Contaminated packaging</b>	Dispose of product containers, waste containers, and residues according to label instructions and municipal, provincial, and federal health and environmental regulations.

## 14. Transport information

### Transportation of Dangerous Goods

(TDG - Canada):

<b>UN number</b>	2902
<b>UN Proper shipping name</b>	PESTICIDE, LIQUID, TOXIC, N.O.S. (contains SOLVENT NAPHTHA, PYRACLOSTROBIN)
<b>Hazard class</b>	6.1
<b>Packing group</b>	III
<b>Hazard label</b>	6.1, EHSM
<b>IATA/ICAO (Air transport)</b>	
<b>UN Number</b>	2902
<b>Proper shipping name</b>	PESTICIDE, LIQUID, TOXIC, N.O.S. (contains SOLVENT NAPHTHA, PYRACLOSTROBIN)
<b>Hazard class</b>	6.1
<b>Packing group</b>	III
<b>IMDG (Marine transport)</b>	
<b>UN Number</b>	2902
<b>Proper shipping name</b>	PESTICIDE, LIQUID, TOXIC, N.O.S. (contains SOLVENT NAPHTHA, PYRACLOSTROBIN)
<b>Hazard class</b>	6.1
<b>Packing group</b>	III
<b>Marine pollutant</b>	Yes

## 15. Regulatory information

Read the 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. The following is the hazard information required on the pest control product label:

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Danger: Poison

Skin and eye irritant

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### 16. Other information

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<b>Issue date</b>	19-November-2025
<b>Revision date</b>	19-November-2025
<b>Version number</b>	1.1
<b>Other information</b>	<p>For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.</p> <p>The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. Tide International Canada, Inc. assumes no responsibility for results obtained or for incidental or consequential damages arising from the use of these data.</p>
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