

1. Identification

Product identifier	Tide Clopyralid 360g/L SL
Pest Control Product Registration Number	35435
Recommended use	Herbicide
Recommended restrictions	See product label.
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer	
Company name	Tide International Canada, Inc.
Address	245 Hanlon Creek Boulevard Unit 102 Canada
Telephone	+1 866 699 7717
E-mail	Not available
Emergency phone number	1-800-424-9300 (CHEMTREC)
Supplier	See above.

2. Hazard Identification

Health hazards	Classification according to Regulation (EC) No 1272/2008 Serious eye damage (Category 1), H318 Chronic aquatic Chronic (Category 1), H410	
Label elements		
Signal word	Danger	
Hazard statement	H318 Causes serious eye damage. H410 Very toxic to aquatic life with long-lasting effects	
Precautionary statements	P280 Wear protective gloves/protective clothing/eye P273 Avoid release to the environment. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P391 Collect spillage. P501 Dispose of contents/container in accordance with local/regional/national regulations	
Other hazards	None	

3. Composition/information on ingredients

Chemical name	Common name and synonyms	CAS number	Content (w/v)
Clopyralid		1702-17-6	360 g/L
Inerts		Not available	Up to 1L

4. First-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove patient to fresh air. If not breathing, give mouth to mouth resuscitation and call a physician immediately.
Skin contact	Remove contaminated clothing and wash skin with soap and water. If irritation persists, call a physician. Launder contaminated clothing before re-use.
Eye contact	Flush with water for at least 15 minutes. Call a physician immediately.
Ingestion	Call a physician or Poison Control Center immediately. Do not induce vomiting. Drink two glasses of water. Never induce vomiting or give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
Indication of immediate medical attention and special treatment needed	No data available

5. Firefighting measures

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards arising from the chemical	carbon monoxide, carbon dioxide, hydrogen chloride (hydrochloric acid), oxides of nitrogen, nitric acid, hydrogen cyanide
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	No data available

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist, or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Reference to other sections	For disposal see section 13.

7. Handling and Storage

Precautions for safe handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use.
--------------------------------------	--

Conditions for safe storage, including any incompatibilities	Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.
Specific end use(s)	Store in a cool, dry and well ventilated area out of direct sunlight. Keep in original container, tightly closed when not in use. Keep away from strong oxidising agents, acids and bases
	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure controls / Personal protection

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
---	--

Individual protection measures, such as personal protective equipment

Eye/face protection	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
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.
Respiratory protection	For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and chemical properties

Appearance	Yellow-brown liquid
Odour	Not available
Odour threshold	Not available
pH	6~9
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	100.3°C
Evaporation rate	1.06 at 20°C
Flammability (solid, gas)	Not available
Vapour pressure	Not available
Vapour density	Not available
Density	1.15~1.20 g/ cm ³

Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Other information	
Explosive properties	Not explosive
Oxidising properties	Not available

10. Stability and reactivity

Reactivity	No data available
Chemical Stability	Store under cool, dry conditions. Avoid elevated temperatures and direct sunlight. Do not use or store near heat, open flame or other sources of ignition, especially if air temperatures are near the flash point (47 deg C)
Possibility of hazardous reactions	No data available
Conditions to avoid	Direct sunlight
Incompatible Materials	Avoid acids, oxidizing materials, halogenated organics, brass, copper, zinc
Hazardous decomposition products	Hydrogen chloride, nitrogen oxides (under fire conditions), chlorinated pyridine In the event of fire: see section 5

11. Toxicological information

Information on toxicological effects

Acute toxicity	Acute Oral LD ₅₀ >5000 mg/kg (rat) Acute dermal (rabbits): LD ₅₀ >5000 mg/kg
	Acute inhalation (Rats): The maximum practically - attainable concentration of this product in the tests (3.0 mg/L for four hours) produced no ill effects in test animals.
Skin corrosion/irritation	May cause mild skin irritation
Serious eye damage/eye irritation	Cause serious eye irritation
Respiratory or skin sensitisation	
Respiratory sensitisation	Not available
Skin sensitisation	This product may rarely cause an allergic skin response.
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	In animal studies the components of this formulation have been shown not to interfere with reproduction.
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

Chronic effects	No data available
Further information	Not available

12. Ecological information

Ecotoxicity	LD ₅₀ : 1465 mg/kg (mallard) >2000 mg/kg (bobwhite quail) >1000 mg/kg (Worms) LC ₅₀ : 103.5 mg/L (rainbow trout) 125 mg/L (bluegill) Non-toxic to bees
Persistence and degradability	IN SOIL: Microbial degradation is the major route of degradation of clopyralid. Carbon dioxide is the major product of degradation, with only traces of one other metabolite having been recorded. The half-life of clopyralid in laboratory studies ranges from 14 to 56 days. Field dissipation and lysimeter studies show that potential for groundwater contamination is minimal. IN PLANTS: Clopyralid is not metabolized in plants. IN ANIMALS: In rats, following oral administration of clopyralid, there is rapid and almost complete elimination in the urine.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher
Other adverse effects	No data available

13. Disposal considerations

Waste treatment methods

Product	Do not contaminate food, feed, or water by storage or disposal. Pesticide wastes are toxic. If wastes resulting from the use of this product cannot be disposed of according to label instructions, dispose of these wastes at an approved facility.
Contaminated packaging	Dispose of as unused product.

14. Transport information

UN number	TDG -	IMDG:-	IATA/ICAO:-
	TDG: Not dangerous goods.		
UN Proper shipping name	IMDG: Not dangerous goods.		
	IATA: Not dangerous goods.		
Transport Hazard class	TDG -	IMDG:-	IATA/ICAO:-
Packing group	TDG -	IMDG:-	IATA/ICAO:-
Marine pollutant	TDG -	IMDG:-	IATA/ICAO:-

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:

CAUTION-POISON

16. Other information

<i>Issue date</i>	19-November-2025
<i>Revision date</i>	19-November-2025
<i>Version No.</i>	1.1
<i>Other information</i>	<i>For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.</i>
<i>Disclaimer</i>	<i>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.</i>
<i>Prepared by</i>	<i>Tide International Canada, Inc.</i>