


SAFETY DATA SHEET

1. Identification

Product identifier	Tide Glyphosate 540
Pest Control Product Registration Number	35339
Recommended use	Herbicide
Restrictions on use	See product label
Canadian supplier identifier	Tide International Canada, Inc. 102-245 Hanlon Creek Boulevard Canada
Telephone Number	+1 866 699 7717
Email	Not available
Emergency phone number	1-800-424-9300 (CHEMTREC)

2. Hazard identification

Health hazards	Skin Corrosion/Irritation	Category 2
Label elements		
Signal word	Warning	
Hazard statements	H315	Causes skin irritation.
Precautionary statements	P264	Wash hands and exposed skin thoroughly after handling
	P280	Wear protective gloves, protective clothing and eye or face protection.
	P302 + P352	IF ON SKIN: Wash with plenty water
	P332 + P317	If skin irritation occurs: Get medical advice/attention.
	P362 + P364	Take off contaminated clothing and wash before reuse.
Other hazards	Poisons Schedule S5	

3. Composition/information on ingredients

Chemical name	Common name and synonyms	CAS number	Content (w/v)
Glyphosate	Not applicable	1071-83-6	540 g/L
Surfactant	Not applicable	/	Balance

SAFETY DATA SHEET

4. First-aid measures	
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Remove affected person to fresh air until recovered Remove contaminated clothing and wash skin with soap and water.
In case of skin contact	Wash affected areas thoroughly with soap and water. If irritation persists, seek medical advice.
In case of eye contact	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Make every effort to prevent vomit from entering the lungs by careful placement of the patient. Do not give anything by mouth to a semi-conscious or unconscious person. Give a glass of water.
If swallowed	
First Aid Facilities:	If poisoning occurs, contact a doctor.
Advice to Doctor:	Treat symptomatically.

5. Firefighting measures

Suitable extinguishing media	If involved in a fire, the product will not burn. Choose extinguishing mediation to suit the burning material. Water, foam, carbon dioxide or dry chemical Keep upwind. This product, or spray solutions of this product, react with galvanized steel or unlined steel (except stainless steel) containers and tanks, to produce hydrogen gas which may form a highly flammable or explosive gas mixture. If involved in a major fire, could evolve oxides of nitrogen or phosphorus.
Specific hazards arising from the chemical	
Advice for firefighters	Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.
Further information	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures	Use personal protective equipment. Keep unauthorized people away. Avoid contact with spilled product or contaminated surfaces.
Methods and materials for containment	Soak up with inert absorbent material (e.g. sand, silica gel, acid

SAFETY DATA SHEET

and cleaning up

binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Spills & Disposal

Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite).

Collect in sealed open top containers for disposal.

Final clean-up with degreasing agent or detergent is advised.

Environmental precautions

Prevent from entering drains, waterways or sewers

Reference to other sections

For disposal see section 13.

7. Handling and Storage

Precautions for safe handling

For personal protective equipment (PPE) and hygiene advice, refer Section 8.

Conditions for safe storage, including any incompatibilities

Store in the closed, original container in a dry, well ventilated area out of direct sunlight.

Keep container tightly sealed and do not store with seed, fertilisers or foodstuffs.

Other Information

Always read the label and any attached leaflet before use.

8. Exposure controls/Personal protection

Occupational exposure limit values

No exposure standard has been established for this product.

Appropriate engineering controls

No special ventilation required

Personal protective Equipment

When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, nitrile or elbow-length PVC gloves and face shield or goggles

Hygiene Measures

After each day's use, wash contaminated clothing and safety equipment. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

Special Training

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

9. Physical and chemical properties

Physical state

Liquid

Colour

Pale yellow

Odour

Odorless

SAFETY DATA SHEET

Melting point and Freezing point	Not available
Boiling point, or initial boiling point and boiling range	Not available
Flammability	Non combustible material
Lower flammable or explosive limit	Not available
Upper flammable or explosive limit	Not available
Flash point	>106°C
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	4.0-8.5
Kinematic viscosity	Not available
Water Solubility	Soluble
Partition coefficient - n-octanol/water	Not available
Vapour pressure	Not available
Density and relative density	Not available
Specific Gravity	1.3756 ± 0.0004 at 20 ± 1°C
Explosive properties	Not available

10. Stability and reactivity

Incompatible Material	Corrosive to mild steel, galvanised steel and zinc. Non corrosive to stainless steel, polyethylene and plastics. Do not mix, store or apply the product or spray solutions of the product galvanized steel or unlined steel (except stainless steel) containers or spraytanks.
Hazardous Polymerization	Hazardous polymerisation is not possible
Chemical Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	Not available
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible Materials	Galvanised steel, Carbon steel, Unlined mild steel
Hazardous decomposition products	In the event of fire: see section 5

11. Toxicological information

Information on the likely routes of exposure

Acute toxicity

Acute oral (rat)	LD ₅₀ > 5000 mg/kg
Acute dermal (rabbits)	LD ₅₀ > 2000 mg/kg

SAFETY DATA SHEET

Acute inhalation (rats)	LC ₅₀ > 5.4154 mg/l
Skin corrosion/irritation	Mild irritant
Exposure minutes	Not available
Erythema value	Not available
Oedema value	Not available
Serious eye damage/eye irritation	Not irritant
Corneal opacity value	Not available
Iris lesion value	Not available
Conjunctival reddening value	Not available
Recover days	Not available
Respiratory or skin sensitization	Not a skin sensitizer (guinea pigs).
Further information	Not available

12. Ecological information

Ecotoxicity

Acute Toxicity - Fish LC₅₀ (96h) for zebrafish > 100 mg a.i. /L.
 Acute Toxicity - Birds LD₅₀ for Japanese quail is >2000 mg/kg
 Acute Toxicity - Honeybees LD₅₀ >207.4 µg/bee

Persistence and degradability

Adsorption studies indicate that glyphosate has very low mobility.
 Average field half life of glyphosate is 47 days.

Known Harmful Effects on the Environment

Harmful to fish and other aquatic organisms (mainly due to the surfactant).

Other Precautions

Do not spray in high winds. Do not contaminate dams, waterways or sewers with this product.

Environmental Protection

Glyphosate is a non-selective contact herbicide. Spray drift can cause damage, read the label for more information.

13. Disposal considerations

Product

On site disposal of the concentrated product is not acceptable.
 Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals.

Contaminated packaging

Do not use this container for any other purpose.
 Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank.
 If recycling, replace cap and return clean containers to recycler or

SAFETY DATA SHEET

designated collection point.

If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility.

If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Empty containers and product should not be burnt. DrumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.

Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage.

14. Transport information

Transport Information

It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs

Storage and Transport

Considered non dangerous for transport by the Australian Code for the

Transport of Dangerous Goods by Road and Rail.

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:

POISON

CAUTION - EYE AND SKIN IRRITANT

16. Other information

Issue date 19 November 2025

Revision date 19 November 2025

Version number 1.1

Other information For an updated SDS, please contact the supplier/manufacturee listed on the first page of

SAFETY DATA SHEET

the document.

Disclaimer

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.

Prepared by

Tide International Canada, Inc.
