


# 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	+1 866 699 7717

## 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

## 4. First-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
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<b>If inhaled</b>	Remove affected person to fresh air until recovered
<b>In case of skin contact</b>	Remove contaminated clothing and wash skin with soap and water. Wash affected areas thoroughly with soap and water. If irritation persists, seek medical advice.
<b>In case of eye contact</b>	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.
<b>If swallowed</b>	
<b>First Aid Facilities:</b>	If poisoning occurs, contact a doctor.
<b>Advice to Doctor:</b>	Treat symptomatically.

## 5. Firefighting measures

<b>Suitable extinguishing media</b>	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.
<b>Specific hazards arising from the chemical</b>	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.
<b>Advice for firefighters</b>	Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces.
<b>Further information</b>	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

## 6. Accidental release measures

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

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<b>Spills &amp; Disposal</b>	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.
<b>Environmental precautions</b>	Prevent from entering drains, waterways or sewers
<b>Reference to other sections</b>	For disposal see section 13.

## 7. Handling and Storage

<b>Precautions for safe handling</b>	For personal protective equipment (PPE) and hygiene advice, refer Section 8.
<b>Conditions for safe storage, including any incompatibilities</b>	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.
<b>Other Information</b>	Always read the label and any attached leaflet before use.

## 8. Exposure controls/Personal protection

<b>Occupational exposure limit values</b>	No exposure standard has been established for this product.
<b>Appropriate engineering controls</b>	No special ventilation required 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
<b>Personal protective Equipment</b>	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.
<b>Hygiene Measures</b>	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.
<b>Special Training</b>	

## 9. Physical and chemical properties

<b>Physical state</b>	Liquid
<b>Colour</b>	Pale yellow
<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>	Non combustible material
<b>Lower flammable or explosive limit</b>	Not available

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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 <sub>50</sub> > 5000 mg/kg
Acute dermal (rabbits)	LD <sub>50</sub> > 2000 mg/kg
Acute inhalation (rats)	LC <sub>50</sub> > 5.4154 mg/l
Skin corrosion/irritation	Mild irritant
Exposure minutes	Not available
Erythema value	Not available

<b>Oedema value</b>	Not available
<b>Serious eye damage/eye irritation</b>	Not irritant
<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>	Not a skin sensitizer (guinea pigs).
<b>Further information</b>	Not available

## 12. Ecological information

### Ecotoxicity

Acute Toxicity - Fish LC<sub>50</sub> (96h) for zebrafish > 100 mg a.i. /L.

Acute Toxicity - Birds LD<sub>50</sub> for Japanese quail is >2000 mg/kg

Acute Toxicity - Honeybees LD<sub>50</sub> >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.

Do not use this container for any other purpose.

Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank.

### Contaminated packaging

If recycling, replace cap and return clean containers to recycler or 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,

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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** November 15, 2024

**Revision date** Not applicable

**Version number** 1.0

**Other information** For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

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**Prepared by** Tide International Canada, Inc.