



SAFETY DATA SHEET

1. Identification

Product identifier	Tide Glufosinate ammonium 200SL Herbicide
Pest Control Product Registration Number	35239
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

Classification according to Regulation (EC) No 1272/2008

Health hazards	Acute toxicity, Dermal	Category 4
	Specific target organ toxicity - repeated exposure	Category 2
Label elements	 	
Signal word	Warning	
Hazard statements	H312	Harmful in contact with skin.
	H373	May cause damage to organs through prolonged or repeated exposure
	P264	Wash contacted areas thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P280	Wear protective gloves, protective clothing and eye or face protection.
Precautionary statements	P362	Take off contaminated clothing and wash before reuse.
	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P301+P312	IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
Other hazards	This substance/mixture contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.	

3. Composition/information on ingredients

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Chemical name	Common name and synonyms	CAS number	Content (w/v)
Glufosinate-ammonium	Not applicable	77182-82-2	200 g/L Min
Inserts	Not applicable	non disponible	Up to 1L

4. First-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Remove patient to fresh air. If not breathing, give mouth to mouth resuscitation and call a physician immediately.
In case of skin contact	Remove contaminated clothing and wash skin with soap and water. If irritation persists, call a physician. Launder contaminated clothing before re-use.
In case of eye contact	Flush with water for at least 15 minutes. Call a physician immediately.
If swallowed	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 and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indication of any 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	No data available
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

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	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	Harmful - Keep out of reach of children. Store in original container, tightly closed away from foodstuffs. Use spray solutions the same day For precautions see section 2.2.
Conditions for safe storage, including any incompatibilities	No data available
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure controls/Personal protection

Control parameters, including occupational exposure guidelines or biological exposure limits and the source of those values	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Appropriate engineering controls	
Personal protection measures	
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

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Physical state	Liquid
Colour	Blue to green
Odour	Slight pungent odour
Melting point and Freezing point	Not available
Boiling point, or initial boiling point and boiling range	97 °C
Flammability	Not available
Lower flammable or explosive limit	Not available
Upper flammable or explosive limit	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	5-8 (10% solution at 20 °C)
Kinematic viscosity	Not available
Water Solubility	Soluble
Partition coefficient - n-octanol/water	Not available
Vapour pressure	Low
Density and relative density	Not available
Relative vapour density	Not available
Explosive properties	Not explosive

10. Stability and reactivity

Reactivity	Not available
Chemical Stability	Stable under normal conditions
Possibility of hazardous reactions	Not available
Conditions to avoid	Avoid sources of ignition and extreme heat
Incompatible Materials	Avoid contact with strong oxidizing agents, acids or bases. Ammonia may be evolved in the presence of alkalis.
Hazardous decomposition products	Ammonia. In a fire, oxides of carbon, nitrogen, phosphorus and sulphur may be emitted. Other decomposition products - No data available In the event of fire: see section 5

11. Toxicological information

Information on the likely routes of exposure	
Acute toxicity	
Acute oral	LD ₅₀ > 2000 mg/kg (both for male and female)

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(rat)

Acute dermal

(rabbits)

LD₅₀ > 2000 mg/kg (both for male and female)

Acute inhalation

(rats)

LC₅₀ > 6.09 mg/l

Skin corrosion/irritation

No skin irritation.

Exposure minutes

Not available

Erythema value

Not available

Oedema value

Not available

Serious eye damage/eye irritation

Minimally 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).

Respiratory sensitization

Not available

Germ cell mutagenicity

Not available

Carcinogenicity

Glufosinate-ammonium was not carcinogenic in lifetime feeding studies in rats and mice.

Reproductive toxicity

Glufosinate-ammonium was not a primary reproductive toxicant in rats. There was a decrease in the number of viable pups at the high dose in conjunction with maternal toxicity

Specific target organ toxicity - single exposure

Not available

Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure

Aspiration hazard

Not available

Chronic effects

Not available

Further information

Not available

12. Ecological information

Ecotoxicity

Birds: Dietary LC₅₀ (8 d) for Japanese quail >5000 mg/kg.

Fish: LC₅₀ (96 h) for rainbow trout 710, carp, bluegill sunfish, golden orfe >1000 mg/l.

Daphnia: LC₅₀ (48 h) 560 – 1000 mg/l.

Algae: LD₅₀ for *Scenedesmus subspicatus* ≥1000, *Selenastrum capricornutum* LD₅₀: 37 mg/l.

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	Bees: Not hazardous to bees; LD ₅₀ >100 µg/bee. Worms: LD ₅₀ for earthworms >1000 mg/kg soil. Other beneficial spp.: Not toxic to beneficial arthropods.
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	Not 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	Not available

13. Disposal considerations

Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.
Contaminated packaging	Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

14. Transport information

UN number	TDG -	IMDG:-	IATA/ICAO:-
UN Proper shipping name	TDG: Not dangerous goods. 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:

POISON

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WARNING: 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/manufacturer listed on the first page of the document.
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