



Credit 540 K
Safety Data Sheet
{Reserved}

Issue Date: 2026-07-09

Supersedes Date: 2026-07-02

1. Identification

Product Name: Credit 540 K

PCP Registration No.: 35608

Refer to the approved product label for handling and use instructions.

Product Type: Herbicide

Supplier: Nufarm Agriculture Inc.
5101, 333 - 96th Ave NE
Calgary, Alberta T3K 0S3
1-800-868-5444

Telephone Numbers: 24 Hour Emergency Response Number, Chemtrec, 1-800-424-9300.
For medical emergencies, ProPharma Group, 1-877-325-1840.
For product and use information, Nufarm Agriculture Inc.,
1-800-868-5444.

2. Hazard Identification

GHS Classification of the Substance/Mixture

Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

Pictogram(s)



Signal word(s) Warning

Hazard statements

Causes serious eye irritation. Causes skin irritation.

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General Precautionary statement(s)

- If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.
- Wash hands and exposed skin thoroughly after handling.
- Wear protective gloves, clothing, eye and face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Hazards Not Otherwise Classified (HNOC)

- No health hazards not otherwise classified. No physical hazards not otherwise classified.

3. Composition / Information on Ingredients
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Hazardous Components	CAS No.	Wt. %
Glyphosate	70901-12-1	540g/L
Surfactant		Balance

The specific chemical identity and/or concentration range is being withheld because it is trade secret information.

4. First Aid Measures

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: 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.

If inhaled: 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.

If in eyes: 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.

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

First Aid Facilities: If poisoning occurs, contact a doctor.

Advice to Doctor: Treat symptomatically.

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5. Fire-fighting Measures

Suitable extinguishing media	If involved in a fire, the product will not burn. Choose extinguishing media to suit the burning material. Water, foam, carbon dioxide or dry chemical.
Hazards from Combustion Products	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 (NO _x) or phosphorus.
Special Protective Equipment for fire fighters	Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces
Other Information	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

6. Accidental Release Measures

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.

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, fertilizers 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 Provincial 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

NOTE: Physical data are typical values but may vary from sample to sample. A typical value should not be construed as a guaranteed analysis or as a specification. If no value is determined for the formulation, the value listed is the most relevant value of the predominant ingredient(s).

Form	Liquid
Appearance	Pale yellow clear liquid
Odour	Odorless
Melting Point	N/A
Boiling Point	N/A
Solubility in Water	Soluble in water.
Specific Gravity	1.3756±0.0004 at 2±1°C
pH	5.43±0.07 at 19.9°C
Flash Point	>106°C
Flammability	Non-combustible material.

10. Stability and Reactivity

Incompatible Material Corrosive to mild steel, galvanized 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 in galvanized steel or unlined steel (except stainless steel) containers or spray tanks.

Hazardous Polymerization Hazardous polymerization is not possible.

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11. Toxicological Information

Acute Toxicity:

Oral LD ₅₀ -Rat	> 5000 mg/kg
Dermal LD ₅₀ -Rat	> 2000 mg/kg
Inhalation LC ₅₀ -Rat	> 5.4154 mg/l
Dermal irritation-Rabbit	Mild irritant
Eye irritation-Rabbit	Mild irritant
Sensitization-Guinea pigs	Not a sensitizer

12. Ecological Information

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.
Acute Toxicity - Fish	LC ₅₀ (96h) for zebrafish > 100 mg a.i. /L.
Acute Toxicity - Birds	LD ₅₀ for Japanese quail is >2000 mg/kg
Acute Toxicity - Honeybees	LD ₅₀ >207.4 µg/bee.

13. Disposal Considerations

Product Disposal

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.

Container Disposal

RECYCLABLE CONTAINERS:

DO NOT reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

- 1) Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.

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2) Make the empty, rinsed container unsuitable for further use.

If recycling, replace cap and return clean containers to recycler or designated collection point.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer and the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for the clean-up of spills.

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 According to national and international transport regulations, this material is not classified as dangerous goods / hazardous material.

15. Regulatory Information

Pest Control Products Act Registration Number: 35608

Read the approved 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 Pesticides Regulatory Directorate 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. Following is the hazard information required on the pest control product label:

Signal Word: Caution
Hazard Statements: Eye and skin irritant

16. Other Information

This Safety Data Sheet (SDS) is designed to comply with the Globally Harmonized System (GHS) of classification, and the *Hazardous Products Regulations*.

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This SDS provides important health, safety and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use. The product labeling provides that information specifically for product use as intended.

Company and published information is used in the development of this SDS. The information herein is presented in good faith and believed accurate at the date of publication. However, no warranty, expressed or implied, is given.

Revisions to the last issue: Updated CAS No.

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