

SAFETY DATA SHEET

ELIMIN800

Reg. No. / Nr L11744 Act No. 36 of 1947 / Wet Nr 36 van 1947

Section 1. Identification of the material and the supplier

Product: **ELIMIN800**
Product Use: Herbicide
Restriction of Use: Refer to Section 15

Supplier: **Agritech Bioscience (Pty) Ltd t/a Carabiner**
PO Box 1224
Isando, 1600
South Africa
www.carabiner.co.za

Emergency No: POISON INFORMATION HELPLINE 0861 555 777
GRIFFON POISON CENTRE 082 446 8946
POISON CENTRE (UNITAS HOSPITAL) 012 664 1100
TYGERBERG 021 931 6129
RED CROSS 021 689 5227
RAPID SPILL RESPONSE 0800 775 3305

Date of SDS Preparation: 05 February 2026

Section 2. Hazards Identification

Classification of the substance or mixture

Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]

Skin Irritation Category 3; H316
Serious Eye Damage Category 1; H318
Long-term (Chronic) Aquatic hazard Category 2; H411

For the full text of the H-Statements mentioned in this Section, see Section 16.

Label elements:

Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]

Pictograms



Signal Word: **DANGER**

Hazard statement(s)

H316: Causes mild skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statement(s)**General:**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read carefully and follow all instructions.

Prevention:

P264 + P265 - Wash hands thoroughly after handling. Do not touch eyes.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response:

P305 + P354 + P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P317 - Get medical help.

P391 - Collect spillage.

Storage:

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Disposal:

P501 - Dispose of contents/container in accordance with national regulations.

Supplemental Hazard Statements: none

2.3 Other**Other hazards**

No other hazards known

Section 3. Composition / Information on Hazardous Ingredients

Mixture

Soluble granule

Glyphosate 800 g/kg

Globally Harmonised System, EU (GHS) and according to regulation EC No 1272/2008 [CLP]

Ingredients	Concentration of hazardous ingredient	CAS Number	Classification
Ammonium salt of Glyphosate	<88%	40465-66-5	Aquatic Chronic Cat. 2; H411
Decyl glucoside	>5%	68515-73-1	Skin Irrit. Cat. 2; H315 Eye Dam. Cat. 1; H318

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4. First Aid Measures

If medical advice is needed, have product container or label at hand. Provide medical personnel with the container, label or safety data sheet (SDS) when seeking medical attention.

General Information: Remove patient from exposed area. First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Routes of Exposure:

If in Eyes	Flush eyes with clean water for 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses and continue rinsing. Seek medical attention immediately.
If on Skin	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash thoroughly with water and non-abrasive soap (including hair, skin, and fingernails) for at least 15 minutes. Do not rub skin. Wash contaminated clothing before re-use. If symptoms persist, seek medical assistance. Persons providing first aid must wear gloves to avoid self-contamination. Seek medical attention.
If Swallowed	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting unless instructed to do so by a poison control centre or medical doctor. One or two glasses of water may be given if the patient is alert. Loosen tight clothing. Remove the patient from the source of poisoning to a well-ventilated area and keep him/her calm and at rest. Keep airway open to maintain breathing, especially if person is unconscious or has vomited. Do not apply direct mouth-to-mouth respiration. Seek medical attention.
If Inhaled	Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Seek medical attention.

Most important symptoms and effects, both acute and delayed

Headache, vomiting and diarrhoea.

Treatment:

Administer aminophylline (0.25 - 0.5 g) slowly, intravenously. Administer morphine in small dosages (5 –10 mg) slowly, intravenously to ally and promote deeper respiration. Children's dosage 0.1 – 0.2 mg/kg. Epinephrine, atropine and expectorants are not generally helpful and may complicate treatment. Symptomatic treatment and supportive therapy as indicated. For further information on the treatment of poisoning refer to the product Safety Data Sheet provided.

Section 5. Fire Fighting Measures

Hazards from products	This product may generate poisonous, explosive and corrosive fumes (which may contain: carbon dioxide, monoxide, nitrogen oxides, hydrogen cyanide, hydrogen chloride gas and other compounds of chlorine)
Suitable Extinguishing media	Small fires: Foam, carbon dioxide, dry powder or halon extinguishant.

	Large fires: Foam or water-fog. Avoid the use of a water jet. Water can be used to cool unaffected stock, but avoid the accumulation of polluted run-off from the site. Contain fire control water for later disposal.
Recommended protective clothing & Precautions for firefighters	Remove spectators from surrounding area. Isolate the fire area and evacuate downwind. Use a recommended extinguishing agent for the type of surrounding fire. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Contain fire control agents for later disposal. Generates poisonous and corrosive fumes. Keep upwind. Avoid inhaling hazardous vapours and fumes from burning materials. Keep upwind. Remove container from fire area if possible and without risk. Water can be used to cool unaffected containers but must be contained for later disposal. Do not scatter the material. Bund area with sand or earth to avoid pollution of waterways. Water can be used to cool containers. Dispose of extinguishing agent and spillage in a safe way at a later stage. Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff can cause environmental damage. Contain run-off water with, for example, temporary earth barriers. Generating poisonous and corrosive fumes which may contain: carbon dioxide, monoxide, nitrogen oxides, hydrogen cyanide, hydrogen chloride gas and other compounds of chlorine Additional provisions: Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. In the event of a fire, wear full protective clothing and self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode. Personal protective equipment: Wear appropriate safety clothing and eye/face protection. Do not inhale vapour or spray. Avoid contact with spilled product or contaminated surfaces. Avoid contact with skin and eyes. Avoid inhalation of the spray or fumes. For personal protection see Section 8.

Section 6. Accidental Release Measures

Personal precautions:

Do not inhale vapour or spray. Avoid contact with skin and eyes. For personal protection see section 8. Isolate the area. Keep unnecessary and unprotected personnel from entering the area. No smoking in the area.

Environmental precautions:

Do not contaminate waterways, drains and groundwater. If contamination of waterways, drains, rivers or lakes is unavoidable, warn the local authorities (Police and Department of Water/Environmental affairs) immediately. Do not discharge into the subsoil/soil.

Spill and Disposal procedures:

Cleaning procedure:

Do not eat, drink or smoke during the clean-up process. Wear protective clothing. Clear area of unprotected personnel. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. Wash area with water containing soda or detergent and absorb with further inert material. If spill does enter waterways contact the local authority. Heavily contaminated soil layers should be removed and disposed of in an approved way. Spilled product cannot be re-used and must be disposed of by incineration or disposal in a chemical waste disposal facility. If containers cannot be recycled, they should be disposed of together with the waste chemical.

Waste Disposal: In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Refer to the product label for instructions. If the container is to be refilled, do not rinse with any material or introduce any pesticide other than this product. Do not transport if this container is damaged or leaking.

DO NO REUSE THE CONTAINER / PACKAGING FOR ANY OTHER PURPOSE.

Reference to other sections

Information regarding safe handling, see section 7.

Information regarding personal protective equipment, see section 8.

Information regarding waste disposal, see section 13.

Section 7.	Handling and Storage
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Precautions for Handling:

KEEP OUT OF SIGHT AND REACH OF CHILDREN and animals. Do not smoke near handling and storage area. Avoid skin and eye contact and inhalation of spray mist. Keep away from heat and sources of ignition. Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Wash contaminated clothing before re-use.

APPROVED HANDLER: This product must be under the control of an approved handler when applied in a wide dispersive manner; or used by a commercial contractor. BEWARE: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

Precautions for Storage:

Keep out of reach of children and animals. Store in original container only in a well-ventilated, cool, dry, secure area. Protect from heat, sparks and flame. Do not expose containers to temperatures above 40 °C. Keep separate from other products to prevent cross contamination.

Keep away from heat and sources of ignition. Keep away from combustible material.

Store in an area equipped with sprinklers

Specific end use(s): Use only according to the label.

Section 8	Exposure Controls / Personal Protection
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Occupational exposure limits:

Permissible concentration: No occupational exposure limits has been determined for the significant ingredients in this product.

Engineering Controls / Industrial Hygiene

Comply with occupational safety, environmental, fire and other applicable regulations.

It is essential to provide adequate ventilation. The measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. Local Exhaust: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire, and other applicable regulations.

Personal Protection Equipment

Eyes	Safety goggles with side-shields which are compliant with EN 166 or equivalent. Where there is any possibility that an employee's eyes may be exposed to this substance, the employer should provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use.
Hands	Suitable chemically resistant (such as nitrile or butyl) gloves, with prolonged, direct contact. (Recommended: Protective index 6, corresponding to >480 minutes of permeation time according to EN 374) e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.
Skin	Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance. Wear chemically resistant boots and coveralls. Hygiene measures: Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Wash contaminated clothing before reuse.
Respiratory	Wear respirator if ventilation is inadequate or exposure to high levels are likely. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire, and other applicable regulations.
General	Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use. Wash hands and face before breaks and after work. Suitable or appropriate respiratory and eye protection should also be worn. Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating. When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Section 9 Physical and Chemical Properties

Appearance	Granules
Colour	Solid
Odour	Characteristic
Odour Threshold	No data available
pH	3.5 – 5.5 (1% aqueous dilution)
Boiling/Melting Point	Decomposes before melting.
Freezing Point	No data available
Flash Point	Does not flash
Flammability	Not classified
Upper and Lower Explosive Limits	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Density	Not applicable

Water Solubility	Soluble in Water
Partition Coefficient:	Glyphosate: <-3.2 (pH 5-9)
Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Particle Characteristics	No data available
Surface tension	No data available

Section 10. Stability and Reactivity

Stability of substance	When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Protect this product from light. Store in the original, closed container in a dry, cool, well-ventilated area out of direct sunlight.
Possibility of hazardous reactions	None known.
Conditions to avoid	Segregate from food and animal feeds. Keep away from heat and protect from direct sunlight. Avoid storage at temperatures above 35 °C. Avoid extremes of temperature.
Incompatible materials	Incompatible with strong acids, strong bases and strong oxidising agents.
Hazardous decomposition products	Fire decomposition may generate poisonous and corrosive fumes which may contain: carbon dioxide, monoxide, nitrogen oxides, hydrogen cyanide, hydrogen chloride gas and other compounds of chlorine. Product will not undergo polymerisation reactions.

Section 11 Toxicological Information

Acute Effects:

Oral	GHS: Not classified
Dermal	GHS: Not classified
Inhalation	GHS: Not classified
Eye	GHS: Category 1
Skin	GHS: Category 3

Chronic Effects:

Carcinogenicity	GHS: Not classified
Reproductive Toxicity	GHS: Not classified
Germ Cell Mutagenicity	GHS: Not classified
Aspiration	GHS: Not classified
STOT/SE	GHS: Not classified
STOT/RE	GHS: Not classified

Section 12. Ecotoxicological Information

Ecological effects information	Aquatic acute toxicity: Glyphosate: LC ₅₀ (96 h) for trout >1227 mg glyphosate/l. <i>Daphnia magna</i> : EC ₅₀ - 780 mg/L
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	Algae: E_bC₅₀ (72 h) for <i>Selenastrum capricornutum</i> 485 mg/l, E_rC₅₀ (72 h) for <i>S. capricornutum</i> 460 mg/l; EC₅₀ (96 h) for <i>Skeletonema costatum</i> 1.3 mg/l; EC₅₀ (7 d) for <i>Navicula pelliculosa</i> 42, <i>Anabaena flos-aquae</i> 15 mg/l. Formulated product: GHS: Not classified. Aquatic chronic toxicity: Formulated product: GHS: Aquatic Chronic Category 2 Glyphosate: Birds: Acute oral LD₅₀ for bobwhite quail >2241 mg/kg. Dietary LC₅₀ (5 d) for quail and ducks >4640 mg/kg diet. Earthworms: LC₅₀ (14 d) for <i>Eisenia foetida</i> 5600 mg/kg soil. Bees: LD₅₀ µg/bees: >100 (contact) (48 h), 100 (oral) (48 h) Other beneficial species: No effects on carabid beetles; harmless to slightly harmful to green lacewing, parasite species, mites/spiders and insects.
Persistence and degradability	Glyphosate: Aqueous hydrolysis DT₅₀ 33–77 d No substantial photodegradation in soil was recorded over 31 d. Formulated product: No data available
Bioaccumulation	No data available
Mobility in Soil	In soil (field), DT₅₀ 1–130 days depending on edaphic and climatic conditions. The product is practically immobile and is unlikely to leach.
Other adverse effects	This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).
Precautions:	Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Contaminated packaging:

Containers and packages must be completely emptied before disposal. Store appropriately until it can be taken to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal. Empty packaging and product should not be burnt.

CLEAN THE EMPTY FOIL BAG AS FOLLOWS: Shake all the pesticide formulation out of the bag into the spray or mixing tank. Turn the bag inside out. Hold the bag over the spray or mixing tank and rinse the bag with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag into pieces and do not use for any other purpose. Store appropriately until it can be taken to a waste treatment facility authorised to destroy waste in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and the relevant waste management regulations for disposal. Empty containers and product should not be burnt. Do not bury, burn or donate the bag to any other parties that may use it as a container for foodstuffs.

Special precautions during disposal:

Waste resulting from the use of this product cannot be reused or reprocessed. Never pour untreated waste or surplus products into public sewers or where there is any danger of run-off or seepage into water systems. Do not contaminate rivers, dams or any other water sources with the product or used containers.

Section 14	Transport Information
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Rail/road (RID/ADR):

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Glyphosate)
UN number	3077
Class	9
Packing group	III
Environm. Haz. Mark	Yes

Sea (IMDG code):

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Glyphosate)
UN number	3077
Class	9
Packing group	III
Marine pollutant	Yes

Air (ICAO/IATA):

Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Glyphosate)
UN number	3077
Class	9
Packing group	III
Environm. Haz. Mark	Yes

Section 15	Regulatory Information
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Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Full text of H-Statements referred to under sections 2 and 3.

H316: Causes mild skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

For proper and safe use of this product, please refer to the approval conditions laid down on the product label. The data contained in this safety data sheet is based on our current knowledge and describes the product only with regard to safety requirements. The data does not describe the products properties. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any existing laws and legislation are observed.

The information herein is given in good faith, but no warranty, express or implied is made.

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Review Date:

05 February 2031