



Member of the PLENNEGY GROUP

Effective Date:
Revision date
(version):

July 2023
July 2023 (1)

WIPE OUT RTU

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: WIPE OUT RTU

Recommended use: Herbicide
Restrictions on use: GARDEN USE

Supplier: Kombat (Pty) Ltd.
Co. Reg. No.: 1979/001492/07
39 Dr Gordon Street
Postal code/City: Greytown,
3250, South Africa.

Telephone: +27 (0) 33 417 1906/7

Email: admin@kombat.co.za

Emergency telephone numbers:

Poisoning Emergency telephone numbers:
Griffon Poison Information Centre +27 82 446 8946
Poisons Information Centre +27 861 555 777

Precautionary statements:

P264+P265: Wash hands and face thoroughly after handling. Do not touch eyes.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
P301+P317: IF SWALLOWED: Get medical help. P304 +P317: IF INHALED: Get medical help.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTRE.
P317: Get medical help.
P330: Rinse mouth.
P391: Collect spillage.
P501: Dispose of content/container to suitable landfill in accordance with local regulations.

Special labeling of certain mixtures:
None known.

Other hazards:
None known.

2. HAZARDS IDENTIFICATION

UN GHS Revision 10, SANS 10234:2008		
Hazard classes Health	Hazard categories	H-statements
Skin Irritation	Skin Irritation 3	H316
Skin Sensitization	Skin Sensitization 1B	H317
Eye Irritation	Eye Irritation 2	H319
STOT SE	STOT SE 3	H335
Carcinogenicity	Carc. 1B	H350
Aquatic chronic	Aquatic chronic 2	H411

The most important adverse effects:

Physiochemical effects:

None known.

Human health effects:

None known.

Label elements:



Signal word: DANGER

Hazard statements:

H316: Causes mild skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H350: May cause cancer.
H411: Toxic to aquatic life with long lasting effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture.

Composition:

Chemical Name	CAS	Conc. (m/v %)	Classification EC 1272/2008
Glyphosate ammonium salt	40465-66-5	≤ 2 %	H316 - Causes mild skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H332 - Harmful if inhaled. H335 - May cause respiratory irritation H411 - Toxic to aquatic life with long lasting effects.
Formaldehyde	50-00-0	≤ 1 %	Carc 1 B- H350 - may cause cancer, Skin Sensitization 1 - H317 - may cause an allergic skin reaction.

4. FIRST AID MEASURES

Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure and consult a doctor.

Inhalation: If vapours or mists have been inhaled, move victim to fresh air and remove source of contamination if safe to do so. The patient should be kept under observation. Only qualified personnel should perform administration of oxygen. Obtain medical attention if symptoms persist.

Skin: Move the victim to fresh air and remove all contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with cold water and non-



Effective Date:

July 2023

Revision date
(version):

July 2023 (1)

WIPE OUT RTU

SAFETY DATA SHEET

abrasive soap. Do not rub the skin. Obtain medical attention if irritation persists.

Eyes: Flush eyes with clean, lukewarm water for at least 15 minutes or until the product is removed, holding the eyelid(s) open. Lift eyelids to facilitate irrigation. Take care not to rinse contaminated water into the unaffected eye or onto the face. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention immediately.**

Ingestion: Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. Have victim rinse mouth thoroughly with water. **Seek medical advice immediately showing container and label.**

Anticipated acute effects:

May be harmful if swallowed or inhaled.

Causes eye and skin irritation.

May be harmful in contact with skin.

Anticipated delayed effects: None known.

Most important symptoms/effects: None known.

Advice to physician: There is no specific antidote available. Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Extinguish fires with carbon dioxide, dry powder, water spray or alcohol-resistant foam or sand.

Unsuitable Extinguishing Media: Water jet.

Specific hazards: In case of fire and/or explosion do not breath fumes.

Special Fire Fighting Procedures: Remove spectators from surrounding area. Isolate the fire area and evacuate all personnel downwind of the fire. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Keep upwind. Avoid inhaling hazardous vapours and fumes from burning materials. Remove container from fire area if possible and without risk. Do not use high volume water jet, due to contamination risk. Do not scatter the burning material. Water can be used to cool unaffected containers but must be contained for later disposal. Contain fire control agents for later disposal. Avoid pollution of waterways by run-off from the site.

Personal protective equipment: Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes and skin. Ventilate area of spill or leak, especially in contained areas.

Protective equipment: Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.

Emergency procedures: Alert firefighting personnel, evacuate unprotected personnel and animals.

Environmental Precautions: Prevent spilled product from entering sewers, waterways or ground water. This product is classified to be toxic to aquatic organisms with long-term adverse effects in the aquatic environment. Any spillages or uncontrolled discharges into water courses should be reported immediately to the police and the Department of Water/Environmental Affairs.

Methods and Materials for Containment: Contain spilled product by diking area with sand, earth or silica gel.

Methods and Materials for Clean-up: Cover contained spill with an inert absorbent material such as sand, earth or other appropriate non-combustible material. Vacuum, scoop, or sweep up material and place the material into a clean, dry, sealable container. Label containers with the contents and dispose of according to local regulations. Do not place spilled material back in original container. Do not re-use spilled material. Collect washings and add to the drums already collected. Do not flush spilled material or washings into drains or waterways. To decontaminate the spill area, tools and equipment, wash with water and suitable detergent (i.e. organic solvent, detergent bleach or caustic). Add the solution to the drums already collected. Open burning or dumping of this material is prohibited. See section 13 for disposal considerations.

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling: Avoid contact with eyes and skin. Ensure adequate ventilation during handling and use. Do not handle broken containers without protective equipment. Immediately clean up spills that occur during handling. Keep containers tightly closed when not in use. In the case of contact with the product refer to First Aid Measures – Section 4.

General occupational hygiene: Practice good hygiene when using this product. Wash hands before eating, drinking, chewing gum, smoking, using the toilet or applying cosmetics. Worker should shower at the end of each workday. Launder all clothing before it is re-used.

Storage:

Conditions for safe storage: Keep out of reach of unauthorised persons, children and animals. Store product in its original labelled container tightly closed, in an isolated, dry, cool and well-ventilated area. Do not store near heat, open flame, sources of ignition or hot surfaces. Avoid cross contamination with other pesticides and fertilisers.

Incompatible substances and mixtures: Refer to product label.

Packaging material: HDPE plastic containers.



Effective Date:
Revision date
(version):

July 2023
July 2023 (1)

WIPE OUT RTU

SAFETY DATA SHEET

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

Engineering Controls:

It is essential to provide adequate ventilation. The measures appropriate for a particular worksite depend on how this product 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 Protective Equipment:

Respiratory Protection: Wear an organic cartridge respirator suitable for protection from mists/vapours of pesticides if product will be used in an area that is not well ventilated.

Hand Protection: Employee must wear appropriate chemically resistant gloves e.g. nitrile rubber gloves to prevent contact with this product.

Eye Protection: Wear a face shield when handling and when applying the product. The use of safety goggles is recommended if a face shield is not used.

This product causes serious eye damage.

Skin and Body Protection: The use of protective (impervious) clothing e.g. coveralls, rubber boots, hat is recommended to prevent skin contact with this product.

Emergency eyewash: Where there is any possibility that an employee's eyes may be exposed to this product; the employer should provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Turbid liquid.

Odour: Not available.

pH (1% aqueous dilution): 4.4 to 5.0

Melting point: Not available.

Freezing Point: Not available.

Boiling Point: Not available.

Flash Point: None. Water based. Does not flash.

Flammability: Non-flammable.

Upper/lower explosion limits: Not available.

Vapour Pressure (mm Hg): Not available.

Relative Vapour Density: Not available.

Density: 1,0 g/cm³ (20 °C)

Solubility: Completely miscible.

n-octanol/water partition coefficient: Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: Not available.

10. STABILITY AND REACTIVITY

Chemical Stability: The product is stable for 2 years at ambient temperature and pressure, under normal storage and handling conditions. Avoid storage under extreme temperatures and conditions. Store below 50°C, preferably below 30°C, and not for prolonged periods in direct sunlight. Partial crystallization may occur on prolonged storage below – 15 °C.

Reactivity: None known.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: None known.

Incompatible Materials: Product is relatively stable in neutral, weakly acidic and weakly alkaline media, but reacts strongly (and possibly violently) with strong alkalis. Mixing with other products may reduce the activity of **Glyphosate**. Incompatible with galvanized steel and unlined mild steel materials for storage.

Hazardous Decomposition Products: Toxic oxides of carbon, nitrogen and phosphorus are released when the product decomposes on heating.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Calculated according to GHS:

Oral ATE 156 234 mg/kg

Dermal ATE 225 806 mg/kg

Inhalation ATE (4h) 103 mg/l

Skin Irritation/Corrosion: Causes mild skin irritation.

Eye Damage/Irritation: Causes serious eye irritation.

Skin Sensitization: May cause an allergic skin reaction.

Respiratory Sensitization: Not available.

Reproductive cell mutagenicity: Not available.

Carcinogenicity: May cause cancer.

Reproductive toxicity: Not available.

Specific target organ toxicity – single exposure: May cause respiratory irritation.

Specific target organ toxicity – repeated exposure: Not available.

Aspiration hazard: Not available.

Chronic Effects: Not available.

POTENTIAL ADVERSE EFFECTS:

Inhalation: May be harmful if inhaled.

Eye contact: Causes eye and skin irritation.

Ingestion: May be Harmful if swallowed.

12. ECOLOGICAL INFORMATION

This product is toxic to aquatic organisms, may cause long lasting effects in the aquatic environment.

ECOTOXICITY DATA:

Active ingredient. Glyphosate.

Fish:

LC ₅₀ (96 h)	Rainbow trout	38 mg/l
	Bluegill sunfish	47 mg/l



Effective Date:

July 2023

Revision date
(version):

July 2023 (1)

WIPE OUT RTU

SAFETY DATA SHEET

	Zebrafish	123 mg/ℓ
	Carp	>100 mg/ℓ
Daphnia:		
	LC ₅₀ (48 h)	40 mg/ℓ
Algae:		
	E _b C ₅₀ (72 h)	485 mg/ℓ
	Green algae (<i>Selenastrum capricornutum</i>)	
	(7 d)	13.8 mg/ℓ
	E _r C ₅₀ (72 h)	460 mg/ℓ
	EC ₅₀ (96 h)	1.3 mg/ℓ
	Marine algae (<i>Skeletonema costatum</i>)	
	(7 d)	0.64 mg/ℓ
	EC ₅₀ (7 d)	42 mg/ℓ
	Diatom (<i>Navicula pelliculosa</i>)	
	Blue-green algae (<i>Anabaena flos-aquae</i>)	15 mg/ℓ
Birds:		
	Acute oral LD ₅₀	Bobwhite quail >3851 mg/kg
	Dietary LC ₅₀ (5 d)	Quail and ducks >4640 mg/kg diet
Bees:		
	LD ₅₀ (48 h)	(contact) >100 µg/bee
		(oral) 100 µg/bee

Plants: Slowly metabolized to aminomethylphosphonic acid ([1066-51-9]), which is the major plant metabolite.

ENVIRONMENTAL EFFECTS:

Persistence and degradability: In soil (field), DT₅₀ 1-130 d, depending on edaphic and climatic conditions. In water, DT₅₀ varies from a few to 91 d. Photodegradation in natural water occurs, DT₅₀ 33-77 d; no substantial photodegradation in soil was recorded over 31 d. In lab. Whole system with water and sediment, DT₅₀ 27-146 d (aerobic), 14-22 d (anaerobic). The major metabolite in soil and water is aminomethylphosphonic acid.

Bio-accumulative Potential: Not determined.

Mobility in soil: Not determined.

Other adverse effects: Not determined.

13. DISPOSAL CONSIDERATIONS

Waste: Open dumping or burning of this pesticide is prohibited. Waste resulting from the use of this product cannot be reused or re-processed. Never pour untreated waste or surplus product 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. The product may be taken to a registered waste disposal site or incineration plant. Where possible, recycling is preferred to disposal or incineration. If recycling is not

practicable, dispose of in compliance with local regulations.

Container: Emptied containers retain product residues. Do not re-use the empty container for any other purpose. Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank.

Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages. Observe all labelled safeguards until container is destroyed.

14. TRANSPORT INFORMATION

This product is considered a marine pollutant.

UN Number: 3082

Road Transport ADR/IRD:

Class: 9

Packaging group: III

UN Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S. (Glyphosate)

Maritime Transport IMDG/IMO:

Class: 9

Packaging group: III

UN Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S. (Glyphosate)

Marine Pollutant (Y/N): Y

Air transport IATA/ICAO:

Class: 9

Packaging group: III

UN Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S. (Glyphosate)

Special/Environmental Precautions: None known.

Transport in bulk (according to MARPOL 73/78, Annex II and the IBC code): Not available.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation for the mixture:

OHSA 1993 Regulations for Hazardous Chemical Substances.

Relevant information regarding restrictions: None.

GHS: UN GHS



Effective Date:
Revision date
(version):

July 2023
July 2023 (1)

WIPE OUT RTU

SAFETY DATA SHEET

Other national regulations: None.

Chemical Safety Assessment carried out? No

16. OTHER INFORMATION

Packaging: Packed in plastic fluorinated containers and PE lined metal drums labelled according to South African regulations and guidelines.

Additional H-statement (s) (formulants)

H411: Harmful to aquatic life with long-lasting effects.

Disclaimer: The information on this sheet is not a specification; it does **not** guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed. All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors and omissions or the consequence thereof.

END OF DOCUMENT

Compiled: July 2023
Reviewed: July
Revision no.: 2023 (1)
Next revision date: July 2028

For detailed information on revisions, contact the Registration holder.