

KOMBAT WIPE OUT

Version: 1.2

Revision Date: April 2018


1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY UNDERTAKING:
PRODUCT INFORMATION

Product Name : KOMBAT WIPE OUT
Design Code : ...
Registration No. : L8503, Act No. 36 of 1947
Use : Herbicide
Company : Kombat (Pty) Ltd
 39 Dr. Gordon Road
 Greytown
 3250
Telephone : +27-33-417-1906/7



Harmful



Dangerous for the environment

EMERGENCY TELEPHONE NUMBERS
SPILLAGES:

Emergency telephone: +27-82-446-8946 (all hours)

POISONING INCIDENTS:

Poison Information Centre of the Western Cape: +27-861-555-777 (all hours)
 Griffon Poison Information Centre +27-82-446-8946 (all hours)
 UFS Pharmacology/Toxicology information centre: +27-82-491-0160

2. HAZARD IDENTIFICATION

May cause sensitisation by skin contact.
 Harmful to aquatic invertebrates.

3. COMPOSITION / INFORMATION ON INGREDIENTS
PRODUCT DESCRIPTION:

A phosphonic acid herbicide containing 360g/l glyphosate as an isopropylamine salt (480 g/l) based formulation.

An aqueous solution with wetting agent.

HAZARDOUS INGREDIENTS:

Alkyl polysaccharide	Xi R41	g / kg : < 500 g/l
Polyoxyethylene (5) cocoamine	Xn,N R22-R38-R41-R50/5	< 100 g/l

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4. FIRST- AID MEASURES

Eye contact : Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

Skin contact : Take off immediately all contaminated clothing. Wash skin immediately with water, followed by soap and water. Such action is essential to minimise contact with skin.
Contaminated clothing should be laundered before re-issue.

Inhalation : Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.

Ingestion : If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible.
Do not induce vomiting.

Medical advice

If the amount of chemical is judged to be less than a lethal dose, observe the patient and treat symptomatically. If gastric lavage is considered necessary, prevent aspiration of gastric material. Consider administration of activated charcoal and a laxative.

5. FIRE-FIGHTING MEASURES

Keep fire exposed containers cool by spraying with water.

Extinguishing media : For small fires, use foam, carbon dioxide or dry powder extinguishant. For large fires, use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

Protective Equipment : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions :

Ensure suitable personal protection during removal of spillages. This means wearing eye protection, chemically resistant gloves, boots and coveralls.

Clean up methods :

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Spillages or uncontrolled discharges into water courses must be alerted to the appropriate regulatory body.



7. HANDLING AND STORAGE

HANDLING

Read the label before use.

Safe handling advice : Avoid contact with skin and eyes. When using do not eat, drink or smoke.

Wash face and hands before eating, drinking or smoking.

STORAGE

Safe storage advice : Keep in original containers, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs.

Storage Temperature Stable at (Deg C) -35

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Personal protection

When using this product refer to the label for details.

Where suitable engineering controls are not fitted or are inadequate, wear suitable protective equipment. When selecting personal protective equipment, users should consult their supplier to confirm that the equipment is suitable.

Respiratory protect. : Wear suitable respiratory protective equipment if exposure to high levels of material are likely. Respiratory protective equipment should conform to the appropriate EN standard.

Hand protection : Wear suitable gloves conforming to EN 374

Suitable Materials: nitrile rubber

Body protection : Wear suitable protective clothing.

Occupational exposure limits

No Occupational Exposure Limit Assigned.

Minimize exposure in accordance with good hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Colour : light brown

Odour : sugary

Boiling point : Not available.

Melting point : Not available.

Flash point : does not flash

Autoignition temperature : Not available.

Explosive properties : Not applicable

Vapour pressure : Not available.

Specific gravity : 1.362

Solubility : soluble in/with water

pH-value (quant.) : Not available.

Partition coeff. : Not available.

Oxidizing properties : Not available.



10. STABILITY AND REACTIVITY

Hazardous decomposition products :

Combustion or thermal decomposition will evolve toxic and irritant vapours.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY (LETHAL DOSES)

Oral Median Lethal Dose rat (both genders)

: > 5000 mg/kg

Low oral toxicity.

Dermal Median Lethal Dose rat (both genders)

: > 5000 mg/kg

Unlikely to be hazardous by skin absorption.

Median Lethal Concentration Inhalation rat (both genders)

: > 5.27 mg/kg 4 hours

Unlikely to cause harmful effects when handled and used as directed on the label.

ACUTE TOXICITY (IRRITATION, SENSITISATION ETC.)

Eye Irritation

: Unlikely to cause eye irritation.

Skin Irritation

: Non-irritant to rabbit skin.

Skin Sensitisation - Buehler

: It is a mild skin sensitiser in animal tests.

CHRONIC TOXICOLOGICAL EFFECTS / LONG TERM EXPOSURE

Long Term Exposure : By analogy with similar substances:

Glyphosate acid : No long term risks to man are associated with this material when handled and used as directed.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Toxicity to fish : LC50 96 hours Rainbow trout : 34 mg/l

This environmental hazard assessment is based on information available on similar products.

Toxicity to daphnia : EC50 48 hours *Daphnia magna* : 21 mg/l

Harmful to aquatic invertebrates.

(Not necessarily identical to the EC classification risk phrases).

13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used containers.

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Surplus material must be disposed of as detailed in the 'Guidelines for the avoidance, limitation and disposal of pesticide waste on the farm' GCPF, 1987.

Empty containers should be triple rinsed, dried out and disposed of via a licensed plastics recycler. Empty containers should not be used for other purposes.

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

15. REGULATORY INFORMATION

Classification : **IRRITANT**

Hazard symbols : **Xi**

Risk Phrases : (R43) May cause sensitisation by skin contact.

Safety Phrases : (S2) Keep out of the reach of children.

(S13) Keep away from food, drink and animal feeding stuffs.

(S20/21) When using, do not eat, drink or smoke.

(S24) Avoid contact with skin.

(S37) Wear suitable gloves.

Users should ensure that they comply with any relevant local, state or national legislation.

This substance is covered by the EEC Dangerous Substances Directive (CPL Regulations). It has therefore been labelled in accordance with these regulations.

16. OTHER INFORMATION

Use: A herbicide for post-emergence control of annual and perennial grass weeds.

KOMBAT WIPE OUT is the property of KOMBAT (Pty) Ltd.

Read the label before you buy: use pesticides safely.

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.