



Terfos 15 G

Safety Data Sheet

GHS classification and labelling of chemicals – SANS10234 and the Regulations for Hazardous Chemical Agents - 2021.
Date of issue : 4/24/2023. Date of Revision : 4/24/2026. Version 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : Terfos 15 G
Product code : UPL_L7582

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Insecticide
Industrial/Professional use spec : For industrial, professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

UPL South Africa (Pty) Ltd.
Sunbury Office Park (off Douglas Saunders Drive) La Lucia Ridge, 7
P.O. Box 1726, Mount Edgecombe, 4300
4019 Durban – South Africa
South Africa
T +27 31 514 5600
www.upl-ltd.com/za

1.4. Emergency telephone number

Emergency number : Griffon Poison Information Centre: 082 4468946,
Poisons Information Helpline: 0861 555 777,
In case of Spillage: Spill Tech: 086 100 0366 / 083 253 6618

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GHS classification and labelling of chemicals – SANS10234 and the Regulations for Hazardous Chemical Agents - 2021.

Acute toxicity (oral), Category 1	H300
Acute toxicity (dermal), Category 1	H310
Acute toxicity (inhalation:dust,mist) Category 1	H330
Acute Hazard, Category 1	H400

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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Hazard pictograms :



GHS06

GHS09

Signal word : Danger
Contains : Terbufos, Diethylene glycol
Hazard statements : H300+H310+H330 - Fatal if swallowed, in contact with skin or if inhaled.

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Precautionary statements	H400 – Very toxic to aquatic life 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. P260 – Do not breath dust/fume/gas/mist/vapours/spray. P262 – Do not get in eyes, on skin or on clothing. P264 – Wash hands thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P271- Use only outdoors or in a well-ventilated area. P273+P391 - Avoid release to the environment if this is not the intended use. Collect spillage P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P301+P316 – IF SWALLOWED: Get emergency medical help immediately. Call a Poison Centre. P302+P352 – IF ON SKIN: Wash with plenty of water. P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. P316 – Get emergency medical help immediately. P320 – Specific treatment is urgent (see first aid treatment on this label). P330 – Rinse mouth. P361+P364 – Take off immediately all contaminated clothing and wash it before reuse. P403+P233 – store in a well-ventilated place. Keep container tightly closed. P405 – Store lock up. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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2.3. Other hazards

No additional information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS classification and labelling of chemicals – SANS10234 and the Regulations for Hazardous Chemical Agents - 2021.
Terbufos	CAS-No.: 13071-79-9 EC-No.: 235-963-8	10 – 20	Acute Tox. 1 (Oral), H300 (ATE=1.6 mg/kg bodyweight) Acute Tox. 1 (Dermal), H310 (ATE=9.8 mg/kg bodyweight) Acute Tox. 1 (Inhalation:dust,mist), H330 (ATE=0.0061 mg/l/4h) Aquatic Acute 1, (ATE= 0.004 mg/l)
Diethylene glycol	CAS-No.: 111-46-6 EC-No.: 203-872-2	2.5 – 10	Acute Tox. 1 (Dermal), H310 (ATE=11.89 mg/kg bodyweight)
A blend of Quartz and magnesium oxide	CAS-No.: 14808-60-7 CAS-No.: 1309-48-4	+/- 80	Acute aquatic Cat 3.

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : During occupational use and application, take thorough care to avoid any inhalation of particles or dust and prevent contamination of food products and water.

First-aid measures after inhalation : IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing stops, give artificial respiration. Immediately call a POISON CENTER/doctor. Allow affected person to breathe fresh air. Allow the victim to rest. Immediately call a POISON CENTER/doctor. Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Call a doctor. Gently wipe of excess chemical. Wash skin gently and thoroughly with clean water and non-abrasive soap or mild detergent until no evidence of chemical remains (approximately 15 to 20 minutes), followed by alcohol. Emergency personnel should wear gloves and avoid contamination. Obtain medical attention immediately. If symptoms of poisoning occur, treat respiratory difficulty with artificial respiration and oxygen. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Immediately call a POISON CENTER/doctor. Gently wash with plenty of soap and water. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Get immediate medical advice and attention. Obtain medical advice immediately and make the container, or label or this Data Sheet available. Never give anything by mouth to a semi-conscious or unconscious person. If person is alert and respiration is not depressed, give syrup of IPECAC followed by water. If vomiting occurs, establish and maintain airway. If consciousness level declines or vomiting has not occurred in 15 minutes, empty stomach by gastric lavage. Administration of oxygen and lavage must be performed by qualified medical personnel. Rinse mouth. Do NOT induce vomiting. Fatal if swallowed. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : Fatal if inhaled.

Symptoms/effects after skin contact : Fatal in contact with skin.

Symptoms/effects after ingestion : Fatal if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

Advice to physician:

This product contains, terbufos, a cholinesterase inhibitor.

The decision as to whether the severity of poisoning requires administration of any antidote and actual dose required should be made by qualified medical personnel.

The stomach should be emptied as soon as possible by careful gastric lavage, using a cuffed endotracheal tube already in place.

An aqueous suspension of activated charcoal can be administered to absorb remaining toxicant.

As early as possible, administer atropine sulfate. Before administering atropine, establish clear airway and tissue oxygenation by aspiration of secretions, and if necessary, by assisted pulmonary ventilation with oxygen.

Administer atropine sulphate intravenously, or intramuscularly if iv injection is not possible.

In moderately severe poisoning administer 0.4 to 2.0 mg atropine sulphate repeated every 15 minutes until atropinization is achieved (tachycardia, flushing, dry mouth, mydriasis). Maintain atropinization by repeated doses for 2 to 12 hours, or longer, depending on the severity of poisoning. The appearance of rales in the lung bases, miosis, salivation, nausea, bradycardia, are all indications of inadequate atropinization.

Severely poisoned individuals exhibit remarkable tolerance to atropine, two or more times the dosages suggested above may be needed.

Administer pralidoxime chloride or obidoxime chloride intravenously to patients suffering from severe respiratory difficulties, convulsions and unconsciousness.

The dose and frequency of atropine varies with each patient. Patients with organophosphate poisoning require amounts of atropine far in excess of doses usually employed in medical practice. Overdosage with atropine is rarely serious, but underdosage may be fatal in poisoning with organophosphorous compounds.

Important Note: Because of their respiratory-depressant effects, morphine and similar drugs are contra-indicated for patients poisoned with organophosphorous compounds. Avoid aminoglycosides and succinylcholine, which have a blocking effect on the neuromuscular junction.

Phenothiazines, reserpine and theophylline are contra-indicated in organophosphorous poisoning.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical, CO₂, dry sand, or alcohol-resistant foam. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Water spray. Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : No data available on indirect explosion hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Do not breathe fumes. Evacuate area.

Firefighting instructions : Appropriate self-contained breathing apparatus may be required. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Do not breathe fumes. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : Fire fighting:
Remove spectators from surrounding area. Remove container from fire area if possible without risk. Eliminate all ignition sources in immediate area. Fight fire from maximum distance. For massive fire, use unmanned hose holder or monitor nozzles. Contain fire control agents for later disposal. Use a recommended extinguishing agent for the type of surrounding fire. Avoid inhaling hazardous vapours, dusts and fumes from burning materials. Keep upwind.
Personal protective equipment:
Fire-fighters and others that may be exposed should wear full protective impervious clothing, including gloves and eye protection, and self-contained breathing apparatus. Contact with the fumes and vapours should be avoided by staying upwind. Clean all clothing before re-use. Severely contaminated clothing cannot be adequately decontaminated, and must be disposed as a hazardous waste. Shower with soap and water after contact with this product.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear eye protection. Personal protective equipment. Gloves.

Emergency procedures : Avoid breathing dust, fume, gas, mist, spray, vapours. Avoid any direct contact with the product. Act in accordance with local emergency plan. Avoid contact with skin and eyes. Evacuate area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Avoid breathing FUMES/ DUST/ GAS/ SPRAY/VAPOURS. Use self-contained breathing apparatus. Wear personal protective equipment. Equip cleanup crew with proper protection.

Emergency procedures : Evacuate the danger area. Avoid contact with eyes. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Ventilate area.

6.2. Environmental precautions

Do not allow run-off from fire-fighting to enter drains or water courses. Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Shovel into suitable and closed container for disposal.

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Methods for cleaning up

- : Thoroughly wash body areas, which come into contact with the product.
- For dry spills, shovel up and sweep up with damp earth or sand or other suitable absorbents, taking care not to raise a dust cloud. Place the material into a labelled, clean, dry container and cover for subsequent disposal; and store in a safe place to await proper disposal. All contaminated cleaning materials should be placed in closable receptacles. Dispose of the containers in accordance with local regulations.
- Open burning or dumping of this material is prohibited. Do not flush spilled material into drains.
- In situations where product comes in contact with water, contain contaminated water for later disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Keep spectators away and upwind.
- To decontaminate spill area, tools and equipment, wash with a solution of 85% water, 10% bleach and 5% isopropyl alcohol. Add the solution to the drums already collected. Label drums with its content and dispose it in accordance with local regulations.
- Open burning or dumping of this material is prohibited.
- . On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

- : Avoid any direct contact with the product. Avoid breathing dust, fume, gas, mist, spray, vapours. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Keep in original containers. Wear recommended personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not get in eyes, on skin, or on clothing. Do not breathe dust, fume, mist. Use only outdoors or in a well-ventilated area.

Hygiene measures

- : Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Do not drink, eat or smoke in the workplace. Always take a shower after work. If on skin, take off contaminated clothing. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

- : Direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep away from ignition sources. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container tightly closed.

Incompatible products

- : Strong bases. Strong acids.

Incompatible materials

- : Sources of ignition. Direct sunlight.

Storage temperature

- : ≤ 48 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Do not breathe dust. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station. Keep in a cool place.

8.2.2. Personal protection equipment

Personal protective equipment:

Protective clothing. Protective goggles. Wear chemically resistant gloves (tested to EN374) in combination with 'basic' employee training. Self-contained breathing apparatus. Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection:

Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Do not discharge waste into drains. Keep container closed when not in use. Notify authorities if product enters sewers or public waters.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid, granular
Colour	: Grey to cream.
Appearance	: Granule.
Odour	: aromatic.
Odour threshold	: Not available
Melting point	: Not available

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Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Explosive limits	: Not applicable
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: 6 – 8
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1.11 g/cm ³
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions of use. Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Heat. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong oxidizers. Strong alkalis. Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Fatal if swallowed.
Acute toxicity (dermal) : Fatal in contact with skin.
Acute toxicity (inhalation) : Fatal if inhaled.

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ATE (oral)- purple book (calculated)	1.6 mg/kg bodyweight
ATE (dermal)- purple book (calculated)	1.84 mg/kg bodyweight
ATE (dust,mist)- purple book (calculated)	0.0061 mg/l/4h

Terbufos (13071-79-9)

LD50 oral rat	1.6 mg/kg
LD50 dermal rat	9.8 mg/kg
LC50 Inhalation - Rat	0.0061 mg/l male rat

Diethylene glycol (111-46-6)

LD50 dermal rabbit	11.89 mg/kg
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Attapulgite

LD50 oral rabbit	>5000 mg/kg
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Skin corrosion/irritation : Not classified
pH: 6 – 8

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified
pH: 6 – 8

Additional information : Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : Fatal if swallowed,Fatal in contact with skin,Fatal if inhaled.

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SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : H400 - Toxic to aquatic life

Not rapidly degradable

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LC50 - Fish	0.0047 mg/l (calculated)
EC50 Daphnia	-

Terbufos (13071-79-9)

LC50 - Fish	0.01 mg/l rainbow trout
LC50 fish	0.004 mg/l bluegill sunfish

Diethylene glycol (111-46-6)

LC50 - Fish	75.2 mg/l Pimephales promelas (fathead minnow)
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12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.
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Terbufos (13071-79-9)

Persistence and degradability	May cause long-term adverse effects in the environment.
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Diethylene glycol (111-46-6)

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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Terbufos (13071-79-9)

Partition coefficient n-octanol/water (Log Kow)	2.77
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Bioaccumulative potential	Not established.
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Diethylene glycol (111-46-6)

Partition coefficient n-octanol/water (Log Pow)	-1.98 at 25 degrees celcius
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Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

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12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Pesticide disposal:
Open dumping or burning of this pesticide is prohibited. Waste resulting from the use of this product that cannot be reused or reprocessed should be disposed of in a landfill approved for pesticide disposal. Do not contaminate rivers, dams or any other water sources with the product or used containers. Never pour untreated waste or surplus products into public sewers or where there is any danger of run-off or seepage into water systems. Comply with local legislation applying to waste disposal.
Package product wastes:
RINSE empty packaging in the following manner: Empty the bag by holding it open-end down over the spray tank for thirty seconds. If the formulation is applied directly to planting furrows, shake the bag for thirty seconds over the furrow. Turn the bag inside out. Rinse for thirty seconds with running water over the spray tank or over open ground. Shake the water off. Repeat rinsing twice. Do not re-use the empty bag for any other purpose but destroy it by cutting it into pieces.
. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
UN 2783	UN 2783	UN 2783
14.2. UN proper shipping name		
ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC (terbufos, 15%)	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC (terbufos, 15%)	Organophosphorus pesticide, solid, toxic (terbufos, 15%)
Transport document description		
UN 2783 ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC (terbufos, 15%), 6.1, II, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 2783 ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC (terbufos, 15%), 6.1, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 2783 Organophosphorus pesticide, solid, toxic (terbufos, 15%), 6.1, II, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)		
6.1	6.1	6.1
14.4. Packing group		
II	II	II

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ADR	IMDG	IATA
14.5. Environmental hazards		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available		

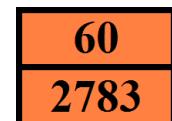
14.6. Special precautions for user

Overland transport

Hazard identification number (Kemler No.)

: 60

Orange plates



14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant regulatory

Information regarding authorization, Safety Data Sheets, Occupational Exposure Limits, Hazardous Substances, Dangerous Goods

Transport and Waste South Africa: Occupational Health and Safety Act 1993. Regulations for Hazardous Chemical Agents - 2021. Fertilizer, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act 36 of 1947). Hazardous Substances Act, 1973 (Act No.15 of 1973). Regulations for Hazardous Chemical Agents – 2021. SANS11014:2010. Safety Data Sheet for Chemical Products – Content and Order of Sections. SANS10206: 2020. The Handling, Storage and Disposal of Pesticides. National Road Traffic Act, 1996 (Act No. 93 of 1996). SANS 10228:2012- The identification and classification of dangerous goods for transport by road and rail modes. National Environmental Management: waste Act 59 of 2008.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : Supplier SDS, ECHA and Pesticide manual.
Other information : None.

Full text of H- statements:	
Acute Tox. 1 (Dermal)	Acute toxicity (dermal), Category 1
Acute Tox. 1 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 1
Acute Tox. 1 (Oral)	Acute toxicity (oral), Category 1
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
H300	Fatal if swallowed.
H310	Fatal in contact with skin.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.

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Classification and procedure used to derive the classification for mixtures according to GHS classification and labelling of chemicals – SANS10234 and the Regulations for Hazardous Chemical Agents - 2021.:

Acute Tox. 1 (Oral, Dermal, Inhalation)	H300+H310+H330	Calculation method
Aquatic Acute 1	H400	Calculation method

Safety Data Sheet applicable for regions : RSA

Safety Data Sheet (SDS), RSA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.