

SECTION 1: Identification

1.1. Product identifier

Product form	: Mixture
Trade name	: Farmesafen 250 SL (fomesafen 250 g/l)
Type of product	: Herbicide
CAS-No.	: 72178-02-0
Product group	: End product

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

Use of the substance/mixture	: A post-emergence water soluble concentrate selective herbicide for the selective control of various annual broadleaf weeds in the crops as listed.
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1.3. Supplier's details

Supplier

Farm-Ag International (Pty) Ltd
Old Mill Industrial Park
61, Marshall Drive
P.O. Box 1523
4300 Mount Edgecombe – Durban KwaZulu Natal
South Africa
T 031 003 3486

1.4. Emergency telephone number

Emergency number	: 24 Hr Emergency Number: In case of Poisoning: Poison Information Helpline : 0861 555 777
	In case of Spillage: HAZMAT:0800 147 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Acute toxicity (oral), Category 5	H303
Acute toxicity (dermal), Category 5	H313
Acute toxicity (inhalation:vapour) Category 3	H331
Skin corrosion/irritation, Category 3	H316
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Acute Hazard, Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard, Category 1	H410

Full text of H-statements: see section 16

2.2. Label elements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)	:    
Signal word (GHS-ZA)	: Danger

Farmesafen 250 SL (fomesafen 250 g/l)

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

Hazardous ingredients	: Fomesafen TC, Alkyl polyglucoside, Calcium dodecylbenzenesulfonate, 1,2-Benzisothiazolin-3-one
Hazard statements (GHS ZA)	: H303 - May be harmful if swallowed H313 - May be harmful in contact with skin H316 - Causes mild skin irritation H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H331 - Toxic if inhaled. H373 - May cause damage to organs through prolonged or repeated exposure. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (GHS ZA)	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read label before use. P260 - Do not breathe spray, vapours. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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 doctor. P312 - Call a doctor if you feel unwell. P314 - Get medical advice/attention if you feel unwell. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents and container to an approved waste disposal plant.

2.3. Other hazards

Adverse physicochemical, human health and environmental effects	: May cause damage to organs through prolonged or repeated exposure, Toxic if inhaled, Harmful in contact with skin, Harmful if swallowed, Causes mild skin irritation, May cause an allergic skin reaction, Causes serious eye damage, Very toxic to aquatic life with long lasting effects.
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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Fomesafen TC	CAS-No.: 72178-02-0	≥ 25 – < 30	Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Acute Tox. 4 (Inhalation:dust,mist), H332 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Alkyl polyglucoside	CAS-No.: 68515-73-1	≥ 1 – < 5	Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 3, H402

Farmesafen 250 SL (fomesafen 250 g/l)

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Name	Product identifier	%	Classification according to the United Nations GHS
Calcium dodecylbenzenesulfonate	CAS-No.: 26264-06-2	≥ 1 – < 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 4, H413
1,2-Benzisothiazolin-3-one	CAS-No.: 2634-33-5	≥ 0.1 – < 1	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a doctor.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Water spray as a fog can be used for cooling of unaffected stock, but avoid water coming in contact with the product. Do not use direct jet of water. Contain water used for fire-fighting for later disposal. Avoid the accumulation of polluted run-off from the site.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Personal protection (Emergency response)	: Wear respiratory protection, Wear protective gloves, Wear protective clothing, Wear eye protection, Face-shield



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according to SANS 10234:2019 and SANS 11014:2010

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Do not breathe vapours, spray. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not allow entering drains or watercourses. Spillage or uncontrolled discharges into water courses (or public waters) to be reported immediately to the Police and to the Department of Water/Environmental Affairs.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Adsorb spillage 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.
Other information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not breathe vapours, spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Storage area : Store out of reach of unauthorised persons, children and animals.
Information on mixed storage : KEEP SUBSTANCE AWAY FROM: Water supplies. Food supplies.
Maximum storage period : 2 years

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of inadequate ventilation wear respiratory protection.

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according to SANS 10234:2019 and SANS 11014:2010

Personal protective equipment symbol(s):



8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Light yellow to brown.
Odour	: No data available
Odour threshold	: No data available
pH	: 6 – 9
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.15
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

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according to SANS 10234:2019 and SANS 11014:2010

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : May be harmful if swallowed.
Acute toxicity (dermal) : May be harmful in contact with skin.
Acute toxicity (inhalation) : Toxic if inhaled.

Farmesafen 250 SL (fomesafen 250 g/l) (72178-02-0)

ATE ZA (oral)	4996.991 mg/kg bodyweight
ATE ZA (Dermal)	2567.568 mg/kg bodyweight
ATE ZA (vapours)	2.91 mg/l/4h
Unknown acute toxicity (GHS ZA)Unknown acute toxicity (GHS ZA)	3.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 69.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 74.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

Fomesafen TC (72178-02-0)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	2.82 mg/l/4h Male rats

Alkyl polyglucoside (68515-73-1)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Calcium dodecylbenzenesulfonate (26264-06-2)

LD50 oral rat	465 mg/kg
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Sorbitan trioleate (26266-58-0)

LD50 oral rat	> 39800 mg/kg bodyweight (Equivalent or similar to OECD 401, 48 h, Rat, Male / female, Experimental value, Oral, 14 day(s))
LC50 Inhalation - Rat	> 5.27 mg/l air (OECD 436: Acute inhalation toxicity-acute toxic class method, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))

1,2-Benzisothiazolin-3-one (2634-33-5)

LD50 oral rat	490 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
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Farmesafen 250 SL (fomesafen 250 g/l)

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according to SANS 10234:2019 and SANS 11014:2010

1,2-Benzisothiazolin-3-one (2634-33-5)

LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
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Water (7732-18-5)

LD50 oral rat	90000 mg/kg
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Skin corrosion/irritation	: Causes mild skin irritation. pH: 6 – 9
Serious eye damage/irritation	: Causes serious eye damage. pH: 6 – 9
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

1,2-Benzisothiazolin-3-one (2634-33-5)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
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Alkyl polyglucoside (68515-73-1)

NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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	May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not classified
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Very toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Very toxic to aquatic life with long lasting effects.

Fomesafen TC (72178-02-0)

LC50 - Fish [1]	155 mg/l Rainbow Trout
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LC50 - Fish [2]	1375 mg/l Bluegill Sunfish
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EC50 - Crustacea [1]	330 mg/l
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Partition coefficient n-octanol/water (Log Kow)	3.4
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Additional ecotoxicological information	Birds: Acute oral LD50 for mallard ducks >5000 mg/kg. Dietary LC50 (5d) for mallard ducks and bobwhite quail > 20 000 mg/kg. Bees (LD50, mg/bee) >50 (oral); >100 (contact). Worms: 0.120 mg.
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Alkyl polyglucoside (68515-73-1)

LC50 - Fish [1]	100.81 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
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LC50 - Fish [2]	170 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
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EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
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EC50 72h - Algae [1]	27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
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EC50 72h - Algae [2]	37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
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Farmesafen 250 SL (fomesafen 250 g/l)

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

Calcium dodecylbenzenesulfonate (26264-06-2)

Partition coefficient n-octanol/water (Log Pow)	14.1
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Sorbitan trioleate (26266-58-0)

BCF - Fish [1]	3.16 (Pisces, Fresh water)
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Partition coefficient n-octanol/water (Log Pow)	22.58 (QSAR)
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Organic Carbon Normalized Adsorption Coefficient (Log Koc)	13.239
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1,2-Benzisothiazolin-3-one (2634-33-5)

LC50 - Fish [1]	2.18 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Experimental value, Nominal concentration)
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EC50 - Crustacea [1]	2.94 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Experimental value, Lethal)
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ErC50 algae	150 µg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Experimental value, GLP)
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BCF - Fish [1]	6.62 (Equivalent or similar to OECD 305, 56 day(s), Lepomis macrochirus, Experimental value, Fresh weight)
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Partition coefficient n-octanol/water (Log Pow)	-0.9 – 0.99 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
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Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
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Water (7732-18-5)

Partition coefficient n-octanol/water (Log Pow)	-1.38
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12.2. Persistence and degradability

Farmesafen 250 SL (fomesafen 250 g/l) (72178-02-0)

Persistence and degradability	No additional information available
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Sorbitan trioleate (26266-58-0)

Persistence and degradability	Readily biodegradable in water.
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1,2-Benzisothiazolin-3-one (2634-33-5)

Persistence and degradability	Not readily biodegradable in water.
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12.3. Bioaccumulative potential

Farmesafen 250 SL (fomesafen 250 g/l) (72178-02-0)

Bioaccumulative potential	No additional information available
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Fomesafen TC (72178-02-0)

Partition coefficient n-octanol/water (Log Kow)	3.4
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Calcium dodecylbenzenesulfonate (26264-06-2)

Partition coefficient n-octanol/water (Log Pow)	14.1
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Sorbitan trioleate (26266-58-0)

BCF - Fish [1]	3.16 (Pisces, Fresh water)
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Partition coefficient n-octanol/water (Log Pow)	22.58
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Organic Carbon Normalized Adsorption Coefficient (Log Koc)	13.239
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Farmesafen 250 SL (fomesafen 250 g/l)

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

Sorbitan trioleate (26266-58-0)

Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
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1,2-Benzisothiazolin-3-one (2634-33-5)

BCF - Fish [1]	6.62 (Equivalent or similar to OECD 305, 56 day(s), Lepomis macrochirus, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-0.9 – 0.99 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Water (7732-18-5)

Partition coefficient n-octanol/water (Log Pow)	-1.38
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12.4. Mobility in soil

Farmesafen 250 SL (fomesafen 250 g/l) (72178-02-0)

Mobility in soil	No additional information available
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Fomesafen TC (72178-02-0)

Partition coefficient n-octanol/water (Log Kow)	3.4
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Calcium dodecylbenzenesulfonate (26264-06-2)

Partition coefficient n-octanol/water (Log Pow)	14.1
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Sorbitan trioleate (26266-58-0)

Surface tension	30.8 mN/m (25 °C, Pure substance, Surface tension)
Partition coefficient n-octanol/water (Log Pow)	22.58
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	13.239
Ecology - soil	Low potential for mobility in soil.

1,2-Benzisothiazolin-3-one (2634-33-5)

Surface tension	72.6 mN/m (20 °C, 0.1 %, EU Method A.5: Surface tension)
Partition coefficient n-octanol/water (Log Pow)	-0.9 – 0.99 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

Water (7732-18-5)

Partition coefficient n-octanol/water (Log Pow)	-1.38
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12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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Farmesafen 250 SL (fomesafen 250 g/l)

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

SANS	IMDG	IATA
14.1. UN number		
3082	3082	3082
14.2. Proper Shipping Name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains fomesafen 250 g/l)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains fomesafen 250 g/l)	Environmentally hazardous substance, liquid, n.o.s. (contains fomesafen 250 g/l)
14.3. Transport hazard class(es)		
9	9	9
		
14.4. Packing group		
III	III	III
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

SANS

Special provisions (SANS)	: 179, 274, 331, 335
Limited quantities (SANS)	: 5 L
Limited quantities (SANS)	: 5 L
Packagings, large packagings and IBCs Packing instructions (SANS)	: P001, IBC03, LP01
Packagings, large packagings and IBCs Special packing instructions (SANS)	: PP1
Portable tank and bulk containers instructions (SANS)	: T4
Portable tank and bulk container special provisions (SANS)	: TP1, TP29

IMDG

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A

IATA

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964

Farmesafen 250 SL (fomesafen 250 g/l)

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according to SANS 10234:2019 and SANS 11014:2010

PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

SECTION 16: Other information

Issue date : 01/09/2022

Full text of H-statements

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Safety Data Sheet (SDS), South Africa

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.