

### SECTION 1: Identification

#### 1.1. Product identifier

Product form	: Mixture
Trade name	: FarmAg Metribuzin 480 (metribuzin 480 g/l)
Type of product	: Herbicide
CAS-No.	: 21087-64-9
Product group	: End product

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

Use of the substance/mixture	: A suspension concentrate herbicide for the control of various annual grasses and broad-leaf weeds in the crops 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 4	H302
Acute toxicity (dermal), Category 5	H313
Skin corrosion/irritation, Category 3	H316
Skin sensitisation, Category 1	H317
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)	: Warning
Hazardous ingredients	: Metribuzin 96% TC, 1,2 propanediol, Alkyl aryl sulphonate
Hazard statements (GHS ZA)	: H302 - Harmful if swallowed. H313 - May be harmful in contact with skin H316 - Causes mild skin irritation

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### Precautionary statements (GHS ZA)

- H317 - May cause an allergic skin reaction.  
H410 - Very toxic to aquatic life with long lasting effects.
- : 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.  
P261 - Avoid breathing vapours, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
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.  
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P312 - Call a POISON CENTER or doctor if you feel unwell.  
P330 - Rinse mouth.  
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.  
P501 - Dispose of container to an approved waste disposal plant.

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects

- : Harmful if swallowed, Harmful in contact with skin, Causes mild skin irritation, May cause an allergic skin reaction, Very toxic to aquatic life with long lasting effects.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Metribuzin 96% TC	CAS-No.: 21087-64-9	≥ 45 – < 50	Acute Tox. 4 (Oral), H302 Acute Tox. Not classified (Dermal) Acute Tox. 3 (Inhalation:dust,mist), H331 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
1,2 propanediol	CAS-No.: 57-55-6	≥ 1 – < 5	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Acute Tox. Not classified (Inhalation:vapour) Aquatic Acute Not classified
Sodium lignosulfonate	CAS-No.: 8061-51-6	≥ 1 – < 5	Acute Tox. Not classified (Oral) Eye Irrit. 2A, H319 Aquatic Acute Not classified
Alkyl aryl sulphonate	CAS-No.: 26264-05-1	≥ 1 – < 5	Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401

## 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.

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First-aid measures after inhalation	: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
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 eyes with water as a precaution.
First-aid measures after ingestion	: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

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

Symptoms/effects after inhalation	:
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.

### 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	: carbon oxides (CO, CO <sub>2</sub> ) nitrogen oxides (NO <sub>x</sub> ) sulfur oxides (SO <sub>2</sub> ).
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### 5.3. Advice for firefighters

Firefighting instructions	: Remove spectators from surrounding area. Remove container from fire area if possible. Contain fire control agents for later disposal. Use a recommended extinguishing agent for the type of surrounding fire. Avoid inhaling hazardous vapours and fumes from burning materials. Keep upwind.
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, Wear a face shield



## 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. Avoid breathing vapours, spray. Avoid contact with skin, eyes and clothing.
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#### 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".
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### 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 : Do not touch spilled material; stop leak if you can do it without risk. Keep out unprotected persons and animals.  
For small liquid spills, soak up with damp earth or sand, or other non-combustible absorbent material. Place the material into a clean, dry container and cover for subsequent disposal.  
For large liquid spills, contain the liquid by damming in with absorptive material and pump into containers. Soak up remainder with absorbent material.  
Label containers with its content and dispose it in accordance with local regulations. Open burning or dumping of this material is prohibited. Do not flush spilled material into drains.  
Keep spectators away. In situations where product comes in contact with water, contain contaminated water for disposal.
- 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 : Use only outdoors or in a well-ventilated area. Avoid breathing vapours, spray. 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: Food supplies. Water supplies.
- Maximum storage period : 2 years

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

1,2 propanediol (57-55-6)	
South Africa - Occupational Exposure Limits (Recommended Limits)	
Local name	Propane-1,2-diol (Propylene glycol)
OEL TWA	470 mg/m <sup>3</sup> vapour + particulates 10 mg/m <sup>3</sup> particulates
OEL TWA [ppm]	150 ppm vapour + particulates
Regulatory reference	Government Notice. R: 1179
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Propylene glycol (Propane-1,2-diol)
OEL TWA	470 mg/m <sup>3</sup> total (particulate & vapor) 10 mg/m <sup>3</sup> particulate
OEL TWA [ppm]	150 ppm total (particulate & vapor)
Regulatory reference	Government Notice No. R 904

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### 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.

#### 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 : Beige.  
Odour : Musty smell.  
Odour threshold : No data available  
pH : 6.8  
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 : No data available  
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 : 1.145  
Relative density of saturated gas/air mixture : No data available  
Density : No data available  
Relative gas density : No data available  
Solubility : Soluble.  
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

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### 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.

#### 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) : Harmful if swallowed.  
Acute toxicity (dermal) : May be harmful in contact with skin.  
Acute toxicity (inhalation) : Not classified

#### FarmAg Metribuzin 480 (metribuzin 480 g/l) (21087-64-9)

ATE ZA (oral)	706.469 mg/kg bodyweight
ATE ZA (Dermal)	3278.112 mg/kg bodyweight
Unknown acute toxicity (GHS ZA)Unknown acute toxicity (GHS ZA)	92.97% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 97.95% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

#### Metribuzin 96% TC (21087-64-9)

LD50 oral rat	510 mg/kg Male rat
LD50 oral	322 mg/kg Female rat
LD50 dermal rat	> 20000 mg/kg (Rat, Dermal)
LC50 Inhalation - Rat (Dust/Mist)	0.648 mg/l/4h

#### 1,2 propanediol (57-55-6)

LD50 oral rat	22000 mg/kg (Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (24 h, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat (Vapours)	> 44.9 mg/l/4h

#### Alkyl aryl sulphonate (26264-05-1)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
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#### Sodium lignosulfonate (8061-51-6)

LD50 oral	6030 mg/kg Mouse
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<b>poly(dimethylsiloxane) (9016-00-6)</b>	
LD50 oral rat	> 5000 mg/kg (Rat, Literature study, Oral)
<b>Xanthan gum (11138-66-2)</b>	
LD50 oral rat	45000 mg/kg
<b>Hydroxypropyl cellulose (9004-64-2)</b>	
LD50 oral rat	10200 mg/kg (Rat, Oral)
<b>Edetate sodium tetrahydrate (13235-36-4)</b>	
LD50 oral rat	1780 – 2000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Anhydrous form, Oral)
<b>Docosate sodium (577-11-7)</b>	
LD50 dermal rabbit	> 10000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
<b>Water (7732-18-5)</b>	
LD50 oral rat	90000 mg/kg
Skin corrosion/irritation	: Causes mild skin irritation. pH: 6.8
Serious eye damage/irritation	: Not classified pH: 6.8
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
<b>Edetate sodium tetrahydrate (13235-36-4)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
<b>Docosate sodium (577-11-7)</b>	
NOAEL (oral, rat, 90 days)	> 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified
<b>SECTION 12: Ecological information</b>	
<b>12.1. Toxicity</b>	
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.
<b>Metribuzin 96% TC (21087-64-9)</b>	
LC50 - Fish [1]	74.6 mg/l Rainbow trout
LC50 - Fish [2]	141.6 mg/l Golden Orfe
ErC50 algae	0.021 mg/l
BCF - Other aquatic organisms [1]	59 (24 h, Chlorella sp.)
Partition coefficient n-octanol/water (Log Pow)	1.7

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<b>Metribuzin 96% TC (21087-64-9)</b>	
Additional ecotoxicological information	Birds: Acute oral LD50 for bobwhite quail 164, mallard ducks 460 - 680 mg/kg. Bees: (LD50, mg/bee) 35; Worms: LC50 331.8 mg/kg dry soil.
<b>1,2 propanediol (57-55-6)</b>	
LC50 - Fish [1]	40613 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
ErC50 algae	24200 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
Partition coefficient n-octanol/water (Log Pow)	-1.07 (Experimental value, EU Method A.8: Partition Coefficient, 20.5 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.46 (log Koc, Calculated value)
<b>Alkyl aryl sulphonate (26264-05-1)</b>	
EC50 - Crustacea [1]	6.7 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): other:
<b>Sodium lignosulfonate (8061-51-6)</b>	
LC50 - Fish [1]	7300 mg/l Source: ECOTOX
Partition coefficient n-octanol/water (Log Pow)	-3.45 Source: National Institute of Technology and Evaluation
<b>poly(dimethylsiloxane) (9016-00-6)</b>	
LC50 - Fish [1]	> 10000 mg/l (96 h, Salmo gairdneri, Static system, Literature study)
BCF - Fish [1]	2.9 – 1250 (3 day(s), Hypophthalmichthys molitrix, Literature study)
<b>Xanthan gum (11138-66-2)</b>	
LC50 - Fish [1]	420 mg/l Source: ECOTOX
<b>Edetate sodium tetrahydrate (13235-36-4)</b>	
LC50 - Fish [1]	121 mg/l (US EPA, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value, Anhydrous form)
EC50 - Crustacea [1]	625 mg/l (DIN 38412-11, 24 h, Daphnia magna, Static system, Fresh water, Experimental value, Anhydrous form)
ErC50 algae	> 100 mg/l (EU Method C.3, 72 h, Desmodium subspicatus, Static system, Fresh water, Weight of evidence, Anhydrous form)
BCF - Fish [1]	1.1 – 1.8 (28 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Anhydrous form)
<b>Docosate sodium (577-11-7)</b>	
LC50 - Fish [1]	49 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
<b>Water (7732-18-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	-1.38

## 12.2. Persistence and degradability

<b>FarmAg Metribuzin 480 (metribuzin 480 g/l) (21087-64-9)</b>	
Persistence and degradability	No additional information available
<b>1,2 propanediol (57-55-6)</b>	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.96 – 1.08 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.63 g O <sub>2</sub> /g substance



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### 1,2 propanediol (57-55-6)

ThOD	1.69 g O <sub>2</sub> /g substance
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### poly(dimethylsiloxane) (9016-00-6)

Persistence and degradability	Biodegradable in the soil. Not readily biodegradable in water.
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### Hydroxypropyl cellulose (9004-64-2)

Persistence and degradability	Not readily biodegradable in water.
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### Edetate sodium tetrahydrate (13235-36-4)

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

### FarmAg Metribuzin 480 (metribuzin 480 g/l) (21087-64-9)

Bioaccumulative potential	No additional information available
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### Metribuzin 96% TC (21087-64-9)

BCF - Other aquatic organisms [1]	59 (24 h, Chlorella sp.)
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Partition coefficient n-octanol/water (Log Pow)	1.7
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Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
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### 1,2 propanediol (57-55-6)

Partition coefficient n-octanol/water (Log Pow)	-1.07 (Experimental value, EU Method A.8: Partition Coefficient, 20.5 °C)
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Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.46 (log Koc, Calculated value)
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Bioaccumulative potential	Not bioaccumulative.
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### Sodium lignosulfonate (8061-51-6)

Partition coefficient n-octanol/water (Log Pow)	-3.45 Source: National Institute of Technology and Evaluation
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### poly(dimethylsiloxane) (9016-00-6)

BCF - Fish [1]	2.9 – 1250 (3 day(s), Hypophthalmichthys molitrix, Literature study)
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Bioaccumulative potential	No straightforward conclusion can be drawn based upon the available numerical values.
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### Hydroxypropyl cellulose (9004-64-2)

Bioaccumulative potential	No bioaccumulation data available.
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### Edetate sodium tetrahydrate (13235-36-4)

BCF - Fish [1]	1.1 – 1.8 (28 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Anhydrous form)
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Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
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### Water (7732-18-5)

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

### FarmAg Metribuzin 480 (metribuzin 480 g/l) (21087-64-9)

Mobility in soil	No additional information available
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### Metribuzin 96% TC (21087-64-9)

Partition coefficient n-octanol/water (Log Pow)	1.7
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Ecology - soil	Toxic to flora. Not toxic to bees.
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# FarmAg Metribuzin 480 (metribuzin 480 g/l)

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<b>1,2 propanediol (57-55-6)</b>	
Surface tension	71.6 mN/m (21.5 °C, 1.01 g/l, EU Method A.5: Surface tension)
Partition coefficient n-octanol/water (Log Pow)	-1.07 (Experimental value, EU Method A.8: Partition Coefficient, 20.5 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.46 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.
<b>Sodium lignosulfonate (8061-51-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	-3.45 Source: National Institute of Technology and Evaluation
<b>poly(dimethylsiloxane) (9016-00-6)</b>	
Ecology - soil	Adsorbs into the soil. Low potential for mobility in soil. Not toxic to plants.
<b>Edetate sodium tetrahydrate (13235-36-4)</b>	
Ecology - soil	Low potential for adsorption in soil.
<b>Water (7732-18-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	-1.38

### 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.

## 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 metribuzin 480 g/l)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains metribuzin 480 g/l)	Environmentally hazardous substance, liquid, n.o.s. (contains metribuzin 480 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

# FarmAg Metribuzin 480 (metribuzin 480 g/l)

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according to SANS 10234:2019 and SANS 11014:2010

SANS	IMDG	IATA
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
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 : 10/09/2022

### Full text of H-statements

H302	Harmful if swallowed.
H303	May be harmful if swallowed

# FarmAg Metribuzin 480 (metribuzin 480 g/l)

## Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

Full text of H-statements	
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.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects.

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.