

Country: RSA, NAM, BOT, ZAM, MOZ
 Language: English
 Version: 1

SDS Number: 000044
 Issue Date: 2026-01-01
 Print Date: 2026-02-10

Agro-Serve encourages you and expects you to read and understand the entire SDS as there is important information throughout the document. This SDS provides users with information relating to the protection of human health and safety at the workplace, protection of the environment and supports emergency response. Product users and applicators should primarily refer to the product label attached to or accompanying the product container.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product form	Mixtures
Trade name	Aphicide
Registration Number	L0528 / N-AR0120 / W130193
SDS Number	000044

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

1.2.1. Relevant identified uses

Main use category	Insecticide – Plant Protection Product.
Industrial/Professional use spec	Home and Garden.

1.2.2. Uses advised against

Use of the substance/mixture	Insecticide.
See product label for restrictions.	

1.3. Details of the supplier of the safety data sheet

	Agro-Serve (Pty) Ltd 15 Diesel Road, Isando, 1600, South Africa P.O. Box 652147, Benmore, 2010, South Africa
Telephone	+27 861 333 586 08h00 – 17h00 Monday to Friday
Email	info@efekto.co.za
Website	www.efekto.co.za

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Poisons Centre				
South Africa	Griffon Poisons Centre		082 446 8946	Dr Gerhard H Verdoorn
South Africa	Poisons Information Helpline		0861 555 777	
Spillage				
South Africa	Spill Tech		086 100 0366	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures

	Flammable liquid: Category 3: H226 Flammable liquid and vapour.
	Acute toxicity, oral: Category 4: H302 Harmful if swallowed.
	Aspiration hazard: Category 1: H304 May be fatal if swallowed and enters airways.
	Acute toxicity; dermal: Category 5: H315 Harmful in contact with skin.
	Acute toxicity: Category 4 Inhalation: H333 May be harmful if inhaled.
	Specific target organ toxicity, single exposure; Respiratory tract irritation: Category 3: H335 May cause respiratory irritation.
	Specific target organ toxicity, single exposure; Narcotic effects: Category 3: H336 May cause drowsiness or dizziness.
	Chronic aquatic toxicity: Category 1: H411 Toxic to aquatic life with long lasting effects.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

	   
Hazard pictograms	GHS02 GHS07 GHS08 GHS09
Hazardous components which must be listed on the label	• Dimethoate
CLP Signal word	Danger
Hazard statements	H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.
Precautionary statements	
General Statement	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children.

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	P103: Read carefully and follow all instructions.
Prevention Statement	P210: Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking.
	P233: Keep container tightly closed.
Prevention Statement	P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
	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.
Response Statements	P319: Get medical help if you feel unwell.
	P330: Rinse mouth.
	P331: Do NOT induce vomiting.
	P301+317: IF SWALLOWED: Get medical help.
	P304+P317: IF INHALED: Get medical help.
	P302+352: IF ON SKIN: wash with plenty of water.
	P391: Collect spillage.
Storage Statements	P403+P233: Store in a well-ventilated place. Keep container tightly closed.
Disposal Statements	P501: Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

2.3. Other hazards

Symptoms of acute exposure to organophosphate or cholinesterase-inhibiting compounds may include the following: numbness, tingling sensations, incoordination, headache, dizziness, tremor, nausea, abdominal cramps, sweating, blurred vision, difficulty breathing or respiratory depression, and slow heartbeat. Very high doses may result in unconsciousness, incontinence, and convulsions or fatality. Harmful by inhalation, in contact with skin, and if swallowed, irritating to eyes and respiratory system, possible skin sensitiser, if aspirated, may cause lung damage, repeated exposure may cause skin dryness or cracking, vapours may cause drowsiness and dizziness. Signs and symptoms associated with mild exposures to organophosphate and carbamate pesticides include: headache, fatigue, dizziness, loss of appetite with nausea, stomach cramps and diarrhoea; blurred vision associated with excessive tearing; contracted pupils of the eye; excessive sweating and salivation; slowed heartbeat, often fewer than 50 per minute; rippling of surface muscles just under the skin. These symptoms may be mistaken for those of flu, heat stroke or heat exhaustion, or upset stomach. Moderately severe organophosphate and carbamate insecticide poisoning cases exhibit all the signs and symptoms found in mild poisonings, but in addition, the victim: is unable to walk; often complains of chest discomfort and tightness; exhibits marked constriction of the pupils (pinpoint pupils); exhibits muscle twitching; has involuntary urination and bowel movement. Severe poisonings are indicated by incontinence, unconsciousness and seizures.

Refer to section 11 for toxicological and section 12 for environmental information

SECTION 3: Composition/information on ingredients

3.1. Substances					
		Emulsifiable concentrate (EC)			
		Biocidal product			
3.2. Mixtures				Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Chemical Name	CAS-No.	EC – Number	Conc. % by weight	Classification	Warning Symbols
Dimethoate O,O-dimethyl S-methylcarbamoylmethyl phosphorodithioate; 2-dimethoxyphosphinothioylthio-N-methylacetamide (Hazard classification of this material is based on the worst possible case)	60-51-5	200-480-3	40 %	Acute Tox. 4: H302. Acute Tox. 4: H312.	
Hydrocarbons, C9, aromatics 1,3,5-trimethylbenzene; 1-ethyl-4-methylbenzene; prop-1-en-2-ylbenzene; propan-2-ylbenzene; propylbenzene (Hazard classification of this material is based on the worst possible case)	64742-95-6	918-668-5	25.6 %	Flam. Liq. 3: H226. Asp. Tox. 1: H304. STOT SE 3: H335. STOT SE 3: H336. Aquatic Chronic 2: H411.	   
Cyclohexanone (Hazard classification of this material is based on the worst possible case)	108-94-1	203-631-1	6.0 %	Flam. Liq. 3: H226. Acute Tox. 4 (Inhalation: vapour): H332.	 
Other ingredients (non-hazardous) to 100%		Balance		100 %	
Further information					
For the full text of the Hazard statements mentioned in this Section, see Section 16.					

SECTION 4: First aid measures

4.1. Description of first aid measures	
General Advice	Remove contaminated clothing immediately and dispose of safely.

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First-aid measures after inhalation	If symptoms of poisoning become evident, contact a Poisons Information Centre, or call a doctor at once. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. DO NOT allow victim to move about unnecessarily. Symptoms of pulmonary oedema can be delayed up to 48 hours after exposure.
First-aid measures after skin contact	Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard.
First-aid measures after eye contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.
First-aid measures after ingestion	If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre or call a doctor.
4.2. Most important symptoms and effects, both acute and delayed	
	Local: Skin and eye paraesthesia which may be severe, usually transient with resolution within 24 hours, Skin, eye and mucous membrane irritation, Cough, Sneezing.
	Systemic: May cause numbness, tingling sensations, excessive salivation and sweating, contracted pupils, incoordination, headaches, dizziness, nausea, abdominal cramps, sweating, blurred vision, breathing difficulties, slowed heartbeat, unconsciousness, incontinence, convulsions and death. Aspiration may cause lung damage.
4.3. Indication of any immediate medical attention and special treatment needed	
	Administer atropine sulphate intravenously (1 to 4 mg) every 5 to 10 minutes until signs of atropinisation (dry, flushed skin and tachycardia) occur and 2 PAM, 50 mg/kg up to a total dose of 1 to 2 g or 2/3 of this dosage of Protopam. Repeat oxime application if necessary. Do not give morphine. Toxogonin may not be used.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
Suitable	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable	Water jet.
5.2. Special hazards arising from the substance or mixture	
	Flammable liquid and vapour. Toxic fumes may be released.
5.3. Advice for firefighters	
	Special protective equipment for fire-fighters
	In the event of fire and/or explosion do not breathe fumes. Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.
5.3. Further information	
	Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.
5.4. Flash point	
	44 °C

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
6.1.1. For non-emergency personnel	
Emergency procedures	Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces. Ventilate spillage area. Avoid contact with skin and eyes.
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 to enter soil, waterways or wastewater canal.
6.3. Methods and material for containment and cleaning up	
For containment	Collect spillage.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.
Other information	Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
	Information regarding safe handling, see section 7. Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Precautions for safe handling	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
Hygiene measures	Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics. Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.
7.2. Conditions for safe storage, including any incompatibilities	
Technical measures	Ground/bond container and receiving equipment.
Storage conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Store in original container. Keep away from direct sunlight. Protect from freezing.
Storage stability	Storage duration: 24 Months
Storage temperature	>0°C <30°C
7.3. Specific end use(s)	
	Refer to the label and/or leaflet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components	CAS-No.	Exposure limit(s)	Type of exposure limit	Source
Cyclohexanone	108-94-1	25 ppm 100 mg/m3	TWA	AU OEL
Aromatic Hydrocarbons	64742-95-6	116 mg/m3	TWA	EU SCOELS

RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

8.2. Exposure controls

8.2.1. Appropriate engineering controls		In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.	
8.2.2.1. Hand protection:		Chemical resistant nitrile rubber gloves.	
8.2.2.2. Eye protection		Tightly fitting safety goggles.	
8.2.2.3. Skin and body protection		Wear long-sleeved shirt and long pants and shoes plus socks.	
8.2.2.4. Respiratory protection		When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.	
			
8.2.2.5. General protective measures		Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.	
8.2.3. Environmental exposure controls		Avoid release to the environment.	
8.3. Additional emergency measures		8.3. Additional emergency measures	
Emergency measure	Emergency measure	Emergency measure	Emergency measure
	Emergency shower ISO 3864-1:2011, ISO 3864-4:2011		Eyewash stations ISO 3864-1:2011, ISO 3864-4:2011

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Blue
Odour	Aromatic
Odour threshold	No data available
Melting point / Freezing point	No data available
Boiling point or initial boiling point and boiling range	> 140°C
Flammability	No data available
Lower and upper explosion limit	No data available
Flash point	44 °C
Auto ignition temperature	433 °C
Decomposition temperature	No data available
pH	4.3 - 6.6 at 1% (23 °C)

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Kinematic viscosity	No data available
Solubility	Emulsifies in water
Partition coefficient octanol / water (log value)	log Pow: 6.6 at 25 °C
Vapour pressure	No data available
Density Solubility	1.044 g/ml (20°C)
Relative density	1.1
Particle characteristics	No data available
9.2. Other information	No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	Stable under normal conditions.
10.2. Chemical stability	Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.
10.4. Conditions to avoid	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
10.5. Incompatible materials	Store only in the original container.
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	: Not classified
Final acute toxicity classification formulated Product	
LD50 oral rat	LD50 (rat) 1,250 mg/kg
LD50 dermal rat	LD50 (rat) 2,777 mg/kg
LC50 inhalation rat (mg/l)	LC50 (Rat) 25 mg/l
ATE CLP (vapours)	No data available
ATE CLP (dust, mist)	No data available
STOT-single exposure	Based on classification principles, the classification criteria are not met
STOT-repeated exposure	Excessive exposure to this product may produce organophosphate type cholinesterase inhibition. Symptoms of excessive exposure to organophosphates include headache, dizziness, lack of coordination, muscle twitching, tightness in the chest, tremors, salivation, abdominal cramps, nausea, diarrhea, sweating, blurred vision, pinpoint pupils, tearing, excessive urination and convulsions.
Aspiration hazard	Based on classification principles, the classification criteria are not met
Assessment mutagenicity	Mutagenic effects due to Dimethoate exposure were seen in mice. They were more prominent in male mice given a single high dose of Dimethoate than in male mice given one twelfth of the same dose daily for 30 days. Mutagenic effects are unlikely in humans under normal circumstances.
Assessment carcinogenicity	An increase in malignant tumours was reported in rats given oral doses of 5, 15 or 30 mg/kg/day Dimethoate for over a year. The increases were not, however, dose dependent. That is, higher doses did not necessarily result in higher tumour rates. Thus, the evidence of carcinogenicity, even with high-dose, long-term exposure, is inconclusive. This suggests carcinogenic effects in humans are unlikely.
Assessment toxicity to reproduction	Impaired reproductive function in humans is not likely under normal conditions.
Assessment developmental toxicity	Not classified
Further information	Fate in humans and animals: Dimethoate is rapidly metabolized by mammals. Rats excreted about 50 to 60% of administered doses in urine, expired air and faeces within 24 hours. Human volunteers excreted 76 to 100% of administered Dimethoate within 24 hours

SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general:	Very toxic to aquatic life with long lasting effects.
Dimethoate	
LC50 fish 1	Rainbow trout (<i>Salmo gairdneri</i>) 30.2 mg/l; Exposure time: 96 h
EC50 Daphnia 1	Water flea (<i>Daphnia magna</i>) 2.0 mg/l; Exposure time: 48 h
ErC50 (algae)	<i>Scenedesmus quadricauda</i> (Green algae) 90.4 mg/l; Exposure time: 72 h
Bees LD50 (oral)	0.15 µg/bee
Bees LC50 (contact)	0.12 µg/bee
Earthworm LC50 (14 days)	31.0 mg/kg soil
Birds Oral LD50	Mallard ducks: 42.0 mg/kg
Hydrocarbons, C9, aromatics	
LC50 fish 1	Rainbow trout (<i>Salmo gairdneri</i>) 9.2 mg/l; Exposure time: 96h
EC50 Daphnia 1	Water flea (<i>Daphnia magna</i>) 3.2 mg/l; Exposure time: 48 h
ErC50 (algae)	<i>Pseudokirchneriella subcapitata</i> (Green algae) 2.9 mg/l; Exposure time: 72 h
Bees LD50 (oral)	215.8 micrograms

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Bees LC50 (contact)	200 micrograms
Earthworm LC50 (14 days)	320 mg/kg
Birds Oral LD50	Colinus virginianus (Bobwhite quail), 2,000 mg/kg
Cyclohexanone	
LC50 fish 1	Fathead minnow (Pimephales promelas) 527 - 732 mg/l; Exposure time: 96h
EC50 Daphnia 1	Water flea (Daphnia magna) > 100 mg/l; Exposure time: 48 h
ErC50 (algae)	Desmodesmus subspicatus (Green algae) > 100 mg/l; Exposure time: 72 h
12.2. Persistence and degradability	
Dimethoate	
Persistence and degradability	Not rapidly biodegradable.
Koc	No data available.
Hydrocarbons, C9, aromatics	
Persistence and degradability	Readily biodegradable.
Koc	No data available.
Biodegradation	78 % (28d OECD 301F)
Cyclohexanone	
Persistence and degradability	Readily biodegradable.
Koc	No data available.
Biodegradation	No data available.
12.3. Bioaccumulative potential	
Dimethoate	
Log Pow	log Pow: 0.704 (25°C)
Bioaccumulative potential	Does not bioaccumulate.
Hydrocarbons, C9, aromatics	
Log Pow	log Pow: 4.75
Bioaccumulative potential	Does not bioaccumulate.
Cyclohexanone	
Log Pow	log Pow: 0.86 (25 °C)
Bioaccumulative potential	Does not bioaccumulate.
12.4. Mobility in soil	
Dimethoate	
Ecology - soil	Highly mobile in soils.
Hydrocarbons, C9, aromatics	
Ecology - soil	No relevant data found.
Cyclohexanone	
Ecology - soil	No relevant data found.
12.5. Results of PBT and vPvB assessment	
	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.
	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.
12.6. Endocrine disrupting properties	
	No additional information available.
12.7. Other adverse effects	
	No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	Follow container label instructions for disposal of wastes generated during use in compliance with the product label. Never place unused product down any indoor or outdoor drain.
Contaminated packaging	Do not re-use empty containers. Place empty container in trash. Follow advice on product label and/or leaflet.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / AND / RID				
ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1993	1993	1993	1993	1993
				
14.2. UN proper shipping name				
FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.
Transport document description				

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UN 1993 FLAMMABLE LIQUID, N.O.S. (Cyclohexanone, Dimethoate), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S. (Cyclohexanone, Dimethoate), 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S. (Cyclohexanone, Dimethoate), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S. (Cyclohexanone, Dimethoate), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S. (Cyclohexanone, Dimethoate), 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	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	Dangerous for the environment : Yes	Dangerous for the environment : Yes

SECTION 15: Regulatory information

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

Registration No. L0528 / N-AR0120 / W130193

This chemical is a registered pesticide product and is subject to certain labelling requirements under law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label.

WHO-classification: II (Moderately hazardous)

Classification according to GHS: Category 4

IRAC Insecticide Group Code: 1B

15.2. Chemical safety assessment No chemical safety assessment has been carried out.

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
Full text of H- and EUH-statements:			
H226	Flammable liquid and vapour.	H336	May cause drowsiness or dizziness.
H302	Harmful if swallowed.	H400	Very toxic to aquatic life.
H304	May be fatal if swallowed and enters airways.	H410	Very toxic to aquatic life with long lasting effects.
H332	Harmful if inhaled.	H412	Harmful to aquatic life with long lasting effects
H335	May cause respiratory irritation.	H336	May cause drowsiness or dizziness.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 3	H226	Calculation method.
Acute. tox. 4	H302	Calculation method.
Asp. Tox. 1	H304	Calculation method.
Acute Tox. 4 (Inhalation: dust, mist)	H332	Calculation method.
STOT SE 3	H335	Calculation method.
STOT SE 3	H336	Calculation method.
Aquatic Chronic 2	H411	Calculation method.

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 2 Flammability - 3 Physical Hazard - 1 PPE - 2

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Abbreviations and acronyms

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; ECHA - European Chemicals Agency; EC-Number - European Community number; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Aphicide

Safety Data Sheet

According to (EC) 1907/2006 (REACH) amendment Reg. (EU) 2020/878



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This safety data sheet provides health and safety information. This product is to be used in applications with best use practice. The product information in this data sheet is to the best of our knowledge correct as at the date of publication. Agro-Serve (Pty) Ltd does not accept responsibility for damage caused by incorrect use of this information.

Training and related advice: This document contains important information to ensure the safe storage, handling of this product. It is the responsibility of your organisation to ensure that the information contained in this document is communicated to staff and that all necessary training has been given.

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions.

Prepared BY: Nico Lionel van der Westhuis – Technical Support Specialist

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End of Safety Data Sheet