

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830Date of issue: 21/09/2011Revision date: 13/07/2015Supersedes: 11/06/2015

Version: 1.1

	ion of the substa	nce/mixture and of the	e company/undertaking	
1.1. Product identifier				
Product form	:	Substance		
Name	:	Abamectin techn. min. 97%		
EC index no	:	606-143-00-0		
CAS No	:	71751-41-2		
Type of product	:	Biocide		
Formula	:	C48H72O14(B1a), C47H70C	014(B1b)	
Synonyms	:		31 / Avermectin B1a / Abamectin (	combination of avermectin B1
1.2. Relevant identified	uses of the substan	ce or mixture and uses advi	sed against	
1.2.1. Relevant identified	uses			
Main use category	:	Professional use		
Use of the substance/mixture		Insecticide		
1.2.2. Uses advised agai	nst			
No additional information avai				
1.3. Details of the supp	lier of the safety data	sheet		
Simonis B.V. 7000 AP Doetinchem - The No T +31 314 333 700 - F +31 31 agrochem@simonisbv.nl - http	4 344 167			
1.4. Emergency telepho	one number			
Country	Organisation/Comp		Address	Emergency number
UNITED KINGDOM	Guy's & St Thomas'	Poisons Unit ıy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241
2.1. Classification of th	e substance or mixtu			
Classification of thClassification according toClassification according toRepr. 2Acute Tox. 2 (Oral)H30Acute Tox. 1 (Inhalation)H33STOT RE 1Aquatic Acute 1H40Aquatic Chronic 1H41Full text of H-phrases: see seeSpecific concentration limits: $(0,5 = < C < 5)$ STOT I	e substance or mixtu Regulation (EC) No. 1 11d 10 10 12 10 (M=10000) 10 (M=10000) 10 (M=10000) 10 (M=10000)			
Classification according to 1Repr. 2H36Acute Tox. 2 (Oral)H36Acute Tox. 1 (Inhalation)H33STOT RE 1H37Aquatic Acute 1H40Aquatic Chronic 1H41Full text of H-phrases: see seeSpecific concentration limits: $(0,5 = < C < 5)$ STOT I $(C >= 5)$ STOT I2.2.Label elements	e substance or mixtu Regulation (EC) No. 1 11d 10 10 12 10 (M=10000) 0 (M=10000) 0 (M=10000) 10 (M=1000) 10 (M=10000) 10 (M=100000) 10 (M=100000) 10 (M=100000) 10 (M=10000) 1	272/2008 [CLP]		
2.1.Classification of thClassification according to IRepr. 2Acute Tox. 2 (Oral)Acute Tox. 2 (Oral)Acute Tox. 1 (Inhalation)H33STOT RE 1Aquatic Acute 1Aquatic Chronic 1H41Full text of H-phrases: see setSpecific concentration limits: $(0,5 =< C < 5)$ $(C >= 5)$ STOT I2.2.Label elements	e substance or mixtu Regulation (EC) No. 1 11d 10 10 12 10 (M=10000) 0 (M=10000) 0 (M=10000) 10 (M=1000) 10 (M=10000) 10 (M=100000) 10 (M=100000) 10 (M=100000) 10 (M=10000) 1	272/2008 [CLP]		
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2.1.Classification of thClassification according to IRepr. 2Acute Tox. 2 (Oral)Acute Tox. 2 (Oral)Acute Tox. 1 (Inhalation)H33STOT RE 1Aquatic Acute 1Aquatic Acute 1H40Aquatic Chronic 1H41Full text of H-phrases: see setSpecific concentration limits: $(0,5 = < C < 5)$ $(C >= 5)$ STOT I2.2.Label elements	e substance or mixtu Regulation (EC) No. 1 11d 10 10 12 10 (M=10000) 0 (M=10000) 0 (M=10000) 10 (M=1000) 10 (M=10000) 10 (M=100000) 10 (M=100000) 10 (M=100000) 10 (M=10000) 1	272/2008 [CLP] 2008 [CLP] GHS06 GHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS08 CHS0	ing the unborn child gans through prolonged or repeate	ed exposure

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

	H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	<ul> <li>P202 - Do not handle until all safety precautions have been read and understood P260 - Do not breathe dust</li> <li>P264 - Wash hands, forearms and face thoroughly after handling</li> <li>P270 - Do not eat, drink or smoke when using this product</li> <li>P271 - Use only outdoors or in a well-ventilated area</li> <li>P273 - Avoid release to the environment</li> <li>P301+P310 - IF SWALLOWED: Immediately call a doctor</li> <li>P405 - Store locked up</li> <li>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation</li> </ul>

2.3.	Other hazards		
Adverse	e physicochemical, human health and	:	Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Suspected of
environ	mental effects		damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated

damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Fatal if inhaled. Fatal if swallowed.

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

SECTI	SECTION 3: Composition/information on ingredients		
3.1.	Substance		
Name		: Abamectin techn. min. 97%	
CAS No		: 71751-41-2	
EC inde	< no	: 606-143-00-0	

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Abamectin techn. min. 97%	(CAS No) 71751-41-2 (EC index no) 606-143-00-0	> 95	Repr. 2, H361d Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Inhalation), H330 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10000) Aquatic Chronic 1, H410 (M=10000)
Specific concentration limits:			
Name	Product identifier	Specific c	oncentration limits
Abamectin techn. min. 97%	(CAS No) 71751-41-2 (EC index no) 606-143-00-0		5) STOT RE 2, H373 OT RE 1, H372

#### Full text of H-phrases: see section 16

3.2. Mixture	
Not applicable	
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a physician immediately. Never give anything by mouth to an unconscious person. show this sheet where possible.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not apply mouth-to-mouth resuscitation. Call a physician immediately. In case of breathing difficulties administer oxygen.
First-aid measures after skin contact	: Remove contaminated clothes. Wash skin with plenty of water. If skin irritation persists, take medical advice.
First-aid measures after eye contact	<ul> <li>Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do.</li> <li>Continue rinsing. Obtain medical attention if pain, blinking or redness persist.</li> </ul>
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Do not induce vomiting. Call a physician immediately. Give nothing to drink.
4.2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/injuries after ingestion	: Harmful if swallowed. May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Chronic symptoms	: Probably human carcinogenic.
4.3. Indication of any immediate med	ical attention and special treatment needed
	on may respond to treatment with antihistamines or steroid creams and/or systemic steroids. Supils, muscular incoordination and muscular tremors.
10/07/00/15	

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Toxicity following accidental ingestion of abamectin can be minimized by early administration f chemical adsorbents (e.g. activated charcoal). If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until clinical condition is stable and normal.

Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

Persons suffering a temporary allergic reaction may respond to treatment with antihistamines or steroid creams and/or systemic steroids. Early signs of intoxication include dilation of pupils, muscular incoordination and muscular tremors.

Toxicity following accidental ingestion of abamectin can be minimized by early administration chemical adsorbents (e.g. activated charcoal). If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until clinical condition is stable and normal.

Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.	
Unsuitable extinguishing media	: Do not use a heavy water stream.	
5.2. Special hazards arising from the su	bstance or mixture	
Fire hazard	: Non flammable.	
Explosion hazard	: No direct explosion hazard.	
Hazardous decomposition products in case of fire	: For further information, refer to section 10 : "Stability and Reactivity". Toxic fumes may be released.	
5.3. Advice for firefighters		
Precautionary measures fire	: Evacuate and limit access.	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.	
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.	
Other information	: Clear contaminated areas thoroughly.	
SECTION 6: Accidental release meas	sures	
	uipment and emergency procedures	
6.1.1. For non-emergency personnel		
Protective equipment	: Concerning personal protective equipment to use, see item 8. Wear a self-contained breathing	
	apparatus and chemical resistant suit.	
Emergency procedures	: Evacuate unnecessary personnel. Do not breathe dust. Only qualified personnel equipped with suitable protective equipment may intervene.	
Measures in case of dust release	: Dust production: have neighbourhood close doors and windows.	
6.1.2. For emergency responders		
Protective equipment	: Equip cleanup crew with proper protection. For further information refer to section 8 :" Exposure-controls/personal protection".	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containme	ent and cleaning up	
For containment	: Collect spillage.	
Methods for cleaning up	: Recover mechanically the product. Notify authorities if product enters sewers or public waters. Minimize generation of dust. Clean using water and a detergent.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		
For further information refer to section 8 :" Expos	sure-controls/personal protection". Concerning disposal elimination after cleaning, see item 13.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Concerning personal protective equipment to use, see item 8. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.	

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Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe sto	rage, including any incompatibilities
Storage conditions	: Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Keep away from food and drink.
Heat and ignition sources	: Keep away from heat and direct sunlight.
7.3. Specific end use(s)	

Insecticides, acaricides and products to control other arthropods.

### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

No additional information available

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Gloves. Gas mask. Safety glasses. Protective clothing.
Hand protection	: Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Since the product consists of several substances, it is possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	: Safety glasses. Provide readily accessible eye wash stations and safety showers.
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Wear respiratory protection

Other information

: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties	
9.1. Information on basic physical an	d chemical properties
Physical state	: Solid
Appearance	: Crystalline powder.
Colour	: White. light yellow.
Odour	: None.
Odour threshold	: No data available
рН	: 4,5 - 7
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 150 - 155 °C
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)	: No data available
Vapour pressure	: 199,98 mPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,16 g/cm <sup>3</sup> 20-25°C
Solubility	: Water: 7 - 10 μg/l Ether: 7 - 10 g/100ml
Log Pow	: No data available

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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
9.2. Other information	
No additional information available	
SECTION 10: Stability and react	tivity
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous react	ions
No dangerous reactions known.	
10.4. Conditions to avoid	
Extremely high or low temperatures. Keep	out of direct sunlight.
10.5. Incompatible materials	
Strong acids. Strong bases.	
10.6. Hazardous decomposition pro	oducts

Carbon oxides (CO, CO2). At high temperature may liberate toxic gases.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity	: Oral: Fatal if swallowed. Inhalation: Fatal if inhaled.	
Abamectin techn. min. 97% (71751-41-2)		
LD50 oral rat	7,3 - 17,3 mg/kg ♀8.60 - 18.4	
LD50 oral	172,1 - 368 mg/kg ♀195.4-409.3	
Skin corrosion/irritation	: The product is not considered to be irritating to the skin	
	рН: 4,5 - 7	
Serious eye damage/irritation	: The product is not considered to be irritating to the eyes	
	рН: 4,5 - 7	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Suspected of damaging the unborn child.	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: Causes damage to organs through prolonged or repeated exposure.	
Aspiration hazard	: Not classified	

SECTION 12: Ecological information		
: Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.		
0,0036 ppm Oncorhynchus mykiss (Rainbow trout)		
0,0096 ppm Lepomis macrochirus		
0,00037 ppm Waterflea		
LC50/EC50 0.002 µg/bee		
8-dagen dieet Bobwhite Quail LC50/EC50 3.012 ppm; Mallard Duck LC50/EC50 383 ppm		

12.2.	12.2. Persistence and degradability		
Abamec	Abamectin techn. min. 97% (71751-41-2)		
Persister	nce and degradability	Not established.	

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12.3. Bioaccumulative potential			
Abamectin techn. min. 97% (71751-41-2)			
Bioaccumulative potential	Not established.		
12.4. Mobility in soil	12.4. Mobility in soil		
Abamectin techn. min. 97% (71751-41-2)			
Mobility in soil	Mobility in soil Low mobility (soil)		
12.5. Results of PBT and vPvB assessment			
Abamectin techn. min. 97% (71751-41-2)			
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.** Other adverse effects Additional information

: Avoid release to the environment

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.	
Additional information	: Do not re-use empty containers.	
Ecology - waste materials	: Avoid release to the environment.	
European List of Waste (LoW) code	: 02 01 08* - agrochemical waste containing dangerous substances	

### **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
2811	2811	2811	2811	2811
14.2. UN proper ship		•		
TOXIC SOLID,	TOXIC SOLID, ORGANIC,	Toxic solid, organic,	TOXIC SOLID,	TOXIC SOLID,
ORGANIC, N.O.S.	N.O.S.	n.o.s.	ORGANIC, N.O.S.	ORGANIC, N.O.S.
Transport document dese		1		
UN 2811 TOXIC SOLID,	UN 2811 TOXIC SOLID,			
ORGANIC, N.O.S. (Abamectin techn. min.	ORGANIC, N.O.S., 6.1, II, MARINE			
97%), 6.1, II, (D/E),	POLLUTANT/ENVIRONMENTA			
ENVIRONMENTALLY	LLY HAZARDOUS			
HAZARDOUS				
14.3. Transport hazar				
6.1	6.1	6.1	6.1	6.1
		6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		6
14.4. Packing group			· · ·	
П	Ш	Ш	П	П
14.5. Environmental hazards				
Dangerous for the	Dangerous for the environment :	Dangerous for the	Dangerous for the	Dangerous for the
environment : Yes	Yes Marine pollutant : Yes	environment : Yes	environment : Yes	environment : Yes
	No suppl	ementary information availab	ble	
L				

### 14.6. Special precautions for user

### - Overland transport

Classification code (ADR)	:	T2
Special provisions (ADR)	:	274, 614
Limited quantities (ADR)	:	500g

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Excepted quantities (ADR)	: E4
Packing instructions (ADR)	: P002, IBC08
Special packing provisions (ADR)	: B4
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T3
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAH, L4BH
Tank special provisions (ADR)	: TU15, TE19
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V11
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13, CV28
Special provisions for carriage - Operation (ADR)	: S9, S19
Hazard identification number (Kemler No.)	: 60
Orange plates	60
	2811
Tunnel restriction code (ADR)	: D/E
EAC code	: 2X
- Transport by sea	
Special provisions (IMDG)	: 274
Limited quantities (IMDG)	: 500 g
Excepted quantities (IMDG)	: E4
Packing instructions (IMDG)	: P002
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B2, B4
Tank instructions (IMDG)	: T3
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-A
Stowage category (IMDG)	. 6 Л : В
Properties and observations (IMDG)	: Toxic if swallowed, by skin contact or by inhalation.
MFAG-No	: 154
	. 107
- Air transport	
PCA Excepted quantities (IATA)	: E4
PCA Limited quantities (IATA)	: Y644
PCA limited quantity max net quantity (IATA)	: 1kg
PCA packing instructions (IATA)	: 669
PCA max net quantity (IATA)	: 25kg
CAO packing instructions (IATA)	: 676
CAO max net quantity (IATA)	: 100kg
Special provisions (IATA)	: A3, A5
ERG code (IATA)	: 6L
- Inland waterway transport	
Classification code (ADN)	: T2
Special provisions (ADN)	: 274, 614, 82
Limited quantities (ADN)	: 500 g
Excepted quantities (ADN)	: E4
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 2
Not subject to ADN	: No

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- Rail transport	
Classification code (RID)	: T2
Special provisions (RID)	: 274, 614
Limited quantities (RID)	: 500g
Excepted quantities (RID)	: E4
Packing instructions (RID)	: P002, IBC08
Special packing provisions (RID)	: B4
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T3
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAH, L4BH
Special provisions for RID tanks (RID)	: TU15
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W11
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW28, CW31
Colis express (express parcels) (RID)	: CE9
Hazard identification number (RID)	: 60
Carriage prohibited (RID)	: No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

**SECTION 15: Regulatory information** 

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

#### **EU-Regulations** 15.1.1.

No REACH Annex XVII restrictions

Abamectin techn. min. 97% is not on the REACH Candidate List

Abamectin techn. min. 97% is not on the REACH Annex XIV List

Type of product (Biocide)

18 - Insecticides, acaricides and products to control other arthropods

#### 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**

Indication of changes:

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

Abbreviations and acronyms:

Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
Persistent Bioaccumulative Toxic	
Very Persistent and Very Bioaccumulative	
European Agreement concerning the International Carriage of Dangerous Goods by Road	
International Air Transport Association	
International Maritime Dangerous Goods	
Regulations concerning the International Carriage of Dangerous Goods by Rai	
Median lethal concentration	
Median lethal dose	
Safety Data Sheet	
CAS (Chemical Abstracts Service) number	
EG-nr.: EINECS- en ELINCS-number	
EINECS: European Inventory of Existing Commercial Substances	

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: REACH Disclaimer: This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

#### Full text of H- and EUH-statements:

Acute Tox. 1 (Inhalation)	Acute toxicity (inhal.), Category 1	
Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Repr. 2	Reproductive toxicity, Category 2	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
H300	Fatal if swallowed	
H330	Fatal if inhaled	
H361d	Suspected of damaging the unborn child	
H372	Causes damage to organs through prolonged or repeated exposure	
H400	Very toxic to aquatic life	
H410	Very toxic to aquatic life with long lasting effects	

Safety Data Sheet applicable for regions

: GB - United Kingdom

SDS EU (REACH Annex II)

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