

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier****Product name** : VOLIAM TARGO 063 SC (AINO)**Design code** : A15893A**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use** : Insecticide**1.3 Details of the supplier of the safety data sheet****Company** : Syngenta Crop Protection AG  
Postfach  
CH-4002 Basel  
Switzerland**Telephone** : +41 61 323 11 11**Telefax** : +41 61 323 12 12**E-mail address** : sds.ch@syngenta.com**1.4 Emergency telephone number****Emergency telephone number** : +44 1484 538444**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Classification according to Regulation (EU) 1272/2008

Acute toxicity (Oral)	Category 4	H302
Acute toxicity (Inhalation)	Category 4	H332
Specific target organ toxicity - repeated exposure	Category 2	H373
Acute aquatic toxicity	Category 1	H400
Chronic aquatic toxicity	Category 1	H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

**Xn, Harmful****N, Dangerous for the environment****R20/22: Harmful by inhalation and if swallowed.****R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.****R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

## VOLIAM TARGO 063 SC (AINO)

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

### 2.2 Label elements

Labelling: Regulation (EC) No. 1272/2008

Hazard pictograms



<b>Signal word</b>	:	Warning	
<b>Hazard statements</b>	:	H302 + H332 H373  H410	Harmful if swallowed or if inhaled May cause damage to the nervous system through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	:	P102 P260 P264 P273 P314 P391 P501	Keep out of reach of children. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Avoid release to the environment. Get medical advice/ attention if you feel unwell. Collect spillage. Dispose of contents/ container to an approved waste disposal plant.
<b>Supplemental information</b>	:	EUH401	To avoid risks to human health and the environment, comply with the instructions for use. Contains 1,2-benzisothiazol-3-one. May produce an allergic reaction.

Hazardous components which must be listed on the label:

- abamectin

Labelling: EU Directives 67/548/EEC or 1999/45/EC

Symbol(s)



Harmful



Dangerous  
for the envi-  
ronment

<b>R-phrases(s)</b>	:	R20/22 R48/20/22  R50/53	Harmful by inhalation and if swallowed. Harmful: danger of serious damage to health by pro- longed exposure through inhalation and if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
---------------------	---	-----------------------------------	---

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

---

S-phrase(s)	:	S 2	Keep out of the reach of children.
		S13	Keep away from food, drink and animal feedingstuffs.
		S20/21	When using do not eat, drink or smoke.
		S35	This material and its container must be disposed of in a safe way.
		S57	Use appropriate container to avoid environmental contamination.

**Additional Labelling** : To avoid risks to man and the environment, comply with the instructions for use.  
Contains 1,2-benzisothiazol-3-one. May produce an allergic reaction.

Hazardous components which must be listed on the label:

- abamectin

**2.3 Other hazards**None known.

---

## VOLIAM TARGO 063 SC (AINO)

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

##### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration
propane-1,2-diol	57-55-6 200-338-0	-	-	8.8 - 13 % W/W
chlorantraniliprole	500008-45-7	N R50/53	Aquatic Acute1; H400 Aquatic Chronic1; H410	4.29 % W/W
poly(oxy-1,2-ethanediyl), alpha-[tris(1-phenylethyl)phenyl]-omega-hydroxy-	99734-09-5 70559-25-0	R52/53	Aquatic Chronic3; H412	0.33 - 5.4 % W/W
abamectin	71751-41-2 65195-56-4 65195-55-3	T+, N R63 R21 R26/28 R48/23/25 R50/53	Repr.2; H361d Acute Tox.2; H300 Acute Tox.3; H311 STOT RE1; H372 Acute Tox.1; H330 Aquatic Acute1; H400 Aquatic Chronic1; H410	1.71 % W/W
diphosphoric acid, tetrasodium salt	7722-88-5 231-767-1 01-2119489794-17-0000	Xn R22 R41	Acute Tox.4; H302 Eye Dam.1; H318	0.1 - 4.2 % W/W
quartz (SiO <sub>2</sub> )	14808-60-7 7631-86-9 238-878-4		STOT RE2; H373	0.1 - 4.2 % W/W
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9	Xn, N R22 R38 R41 R43 R50	Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Acute1; H400	0.1 - 2.1 % W/W

Substances for which there are Community workplace exposure limits.

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

- General advice** : Have the product container, label or Material Safety Data Sheet with you when calling the Syngenta emergency number, a poison control center or physician, or going for treatment.
- Inhalation** : Move the victim to fresh air.  
If breathing is irregular or stopped, administer artificial respiration.  
Keep patient warm and at rest.  
Call a physician or poison control centre immediately.
- Skin contact** : Take off all contaminated clothing immediately.  
Wash off immediately with plenty of water.  
If skin irritation persists, call a physician.  
Wash contaminated clothing before re-use.
- Eye contact** : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses.  
Immediate medical attention is required.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label.  
Do NOT induce vomiting.

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

- Symptoms** : Lack of coordination  
Tremors  
Dilatation of the pupil

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

- Medical advice** : This material 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 mectin exposure.  
Toxicity can be minimized by early administration of chemical absorbents (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 as indicated by clinical signs, symptoms and measurements.

## VOLIAM TARGO 063 SC (AINO)

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

---

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Extinguishing media - small fires  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Extinguishing media - large fires  
Alcohol-resistant foam  
or  
Water spray

Do not use a solid water stream as it may scatter and spread fire.

#### 5.2 Special hazards arising from the substance or mixture

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10).  
Exposure to decomposition products may be a hazard to health.

#### 5.3 Advice for firefighters

Wear full protective clothing and self-contained breathing apparatus.

Do not allow run-off from fire fighting to enter drains or water courses.  
Cool closed containers exposed to fire with water spray.

---

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.  
Do not flush into surface water or sanitary sewer system.

#### 6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.  
Refer to disposal considerations listed in section 13.

## VOLIAM TARGO 063 SC (AINO)

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

No special protective measures against fire required.  
 Avoid contact with skin and eyes.  
 When using do not eat, drink or smoke.  
 For personal protection see section 8.

#### 7.2 Conditions for safe storage, including any incompatibilities

No special storage conditions required.  
 Keep containers tightly closed in a dry, cool and well-ventilated place.  
 Keep out of the reach of children.  
 Keep away from food, drink and animal feedingstuffs.

: Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.

#### 7.3 Specific end use(s)

Registered Crop Protection products: For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

Components	Exposure limit(s)	Type of exposure limit	Source
abamectin	0.02 mg/m <sup>3</sup>	8 h TWA	SYNGENTA
propane-1,2-diol	10 mg/m <sup>3</sup> (Particulates) 150 ppm, 470 mg/m <sup>3</sup> (Total (vapour & particulates))	8 h TWA 8 h TWA	UK HSE UK HSE
chlorantraniliprole	10 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable dust)	8 h TWA 8 h TWA	SUPPLIER SUPPLIER
quartz (SiO <sub>2</sub> )	0.05 mg/m <sup>3</sup> 0.15 mg/m <sup>3</sup> 0.3 mg/m <sup>3</sup>	8 h TWA 8 h TWA 8 h TWA	ACGIH SUVA UK HSE

The following recommendations for exposure controls/personal protection are intended for the manufacture, formulation and packaging of the product.

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

**8.2 Exposure controls**

- Engineering measures** : Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.  
The extent of these protection measures depends on the actual risks in use.  
If airborne mists or vapors are generated, use local exhaust ventilation controls.  
Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit.  
Where necessary, seek additional occupational hygiene advice.
- Protective measures** : The use of technical measures should always have priority over the use of personal protective equipment.  
When selecting personal protective equipment, seek appropriate professional advice.  
Personal protective equipment should be certified to appropriate standards.
- Respiratory protection** : A particulate filter respirator may be necessary until effective technical measures are installed.  
Protection provided by air-purifying respirators is limited.  
Use a self-contained breathing apparatus in cases of emergency spills, when exposure levels are unknown, or under any circumstances where air-purifying respirators may not provide adequate protection.
- Hand protection** : Suitable material:Nitrile rubber  
Break through time: > 480 min  
Glove thickness: 0.5 mm  
Chemical resistant gloves should be used.  
Gloves should be certified to an appropriate standard.  
Gloves should have a minimum breakthrough time that is appropriate to the duration of exposure.  
The breakthrough time of gloves varies according to the thickness, material and manufacturer.  
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
- Eye protection** : Eye protection is not usually required.  
Follow any site specific eye protection policies.
- Skin and body protection** : Assess the exposure and select chemical resistant clothing based on the potential for contact and the permeation / penetration characteristics of the clothing material.  
Wash with soap and water after removing protective clothing.  
Decontaminate clothing before re-use, or use disposable equipment (suits, aprons, sleeves, boots, etc.)  
Wear as appropriate:  
impervious protective suit

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	: liquid
<b>Form</b>	: liquid liquid
<b>Colour</b>	: white
<b>Odour</b>	: like soap, weak
<b>Odour Threshold</b>	: No data available
<b>pH</b>	: 6.6 at 1 % w/v (25 °C)
<b>Melting point/range</b>	: No data available
<b>Boiling point/boiling range</b>	: No data available
<b>Flash point</b>	: > 102 °C
<b>Evaporation rate</b>	: No data available
<b>Flammability (solid, gas)</b>	: No data available
<b>Lower explosion limit</b>	: No data available
<b>Upper explosion limit</b>	: No data available
<b>Vapour pressure</b>	: No data available
<b>Relative vapour density</b>	: No data available
<b>Density</b>	: 1.05 g/ml
<b>Solubility in other solvents</b>	: No data available
<b>Partition coefficient: n-octanol/water</b>	: No data available
<b>Auto-ignition temperature</b>	: 535 °C
<b>Thermal decomposition</b>	: No data available
<b>Viscosity, dynamic</b>	: 38 - 259 mPa.s at 20 °C : 31 - 219 mPa.s at 40 °C
<b>Viscosity, kinematic</b>	: No data available
<b>Explosive properties</b>	: Not explosive
<b>Oxidizing properties</b>	: not oxidizing

**9.2 Other information**

<b>Surface tension</b>	: 41.0 mN/m
------------------------	-------------

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

No information available.

**10.2 Chemical stability**

No information available.

**10.3 Possibility of hazardous reactions**

No hazardous reactions by normal handling and storage according to provisions.

**10.4 Conditions to avoid**

No decomposition if used as directed.

## VOLIAM TARGO 063 SC (AINO)

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

Combustion or thermal decomposition will evolve toxic and irritant vapors.

---

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- Acute oral toxicity** : LD50 female Rat, 550 mg/kg
- Acute inhalation toxicity** : LC50 male and female Rat, > 3.394 mg/l , 4 h
- Acute dermal toxicity** : LD50 male and female Rat, > 5,000 mg/kg
- Skin corrosion/irritation** : Rabbit: Non-irritating
- Serious eye damage/eye irritation** : Rabbit: Non-irritating
- Respiratory or skin sensitisation** : Buehler Test Guinea pig: Not a skin sensitizer in animal tests.
- Germ cell mutagenicity
- chlorantraniliprole : Did not show mutagenic effects in animal experiments.
  - abamectin : Did not show mutagenic effects in animal experiments.
- Carcinogenicity
- chlorantraniliprole : Did not show carcinogenic effects in animal experiments.
  - abamectin : Did not show carcinogenic effects in animal experiments.
- Teratogenicity
- chlorantraniliprole : Did not show teratogenic effects in animal experiments.
- Reproductive toxicity
- chlorantraniliprole : Animal testing did not show any effects on fertility.
  - abamectin : Experiments have shown reproductive toxicity effects on laboratory animals.
- STOT - single exposure
- chlorantraniliprole : The substance or mixture is not classified as specific target organ toxicant, single exposure.
- STOT - repeated exposure
- chlorantraniliprole : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
  - abamectin : Central nervous system effects in chronic/subchronic animal tests.
- Aspiration toxicity
- chlorantraniliprole : No aspiration toxicity classification

## VOLIAM TARGO 063 SC (AINO)

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

- Toxicity to fish** : LC50 Oncorhynchus mykiss (rainbow trout), 0.21 mg/l , 96 h
- Toxicity to aquatic invertebrates** : EC50 Daphnia magna (Water flea), 0.006 mg/l , 48 h
- Toxicity to aquatic plants** : EbC50 Pseudokirchneriella subcapitata (green algae), 36 mg/l , 96 h  
: ErC50 Pseudokirchneriella subcapitata (green algae), > 100 mg/l , 96 h

#### 12.2 Persistence and degradability

##### Biodegradability

- chlorantraniliprole : Not readily biodegradable.  
abamectin : Not readily biodegradable.

##### Stability in water

- abamectin : Degradation half life: 1.7 d  
Not persistent in water.

##### Stability in soil

- abamectin : Degradation half life: 12 - 52 d  
Not persistent in soil.

#### 12.3 Bioaccumulative potential

- chlorantraniliprole : Does not bioaccumulate.  
abamectin : Does not bioaccumulate.

#### 12.4 Mobility in soil

- chlorantraniliprole : The product is not expected to be mobile in soil.  
abamectin : Abamectin has slight mobility in soil.

#### 12.5 Results of PBT and vPvB assessment

- chlorantraniliprole : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).  
This substance is not considered to be very persistent and very bioaccumulating (vPvB).
- abamectin : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).  
This substance is not considered to be very persistent and very bioaccumulating (vPvB).

#### 12.6 Other adverse effects

- Other information** : Classification of the product is based on the summation of the concentrations of classified components.

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

- Product** : Do not contaminate ponds, waterways or ditches with chemical or used container.  
Do not dispose of waste into sewer.  
Where possible recycling is preferred to disposal or incineration.  
If recycling is not practicable, dispose of in compliance with local regulations.
- Contaminated packaging** : Empty remaining contents.  
Triple rinse containers.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.

**SECTION 14: TRANSPORT INFORMATION****Land transport (ADR/RID)**

- 14.1 UN number:** UN 3082  
**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ABAMECTIN AND CHLORANTRANILIPROLE)  
**14.3 Transport hazard class(es):** 9  
**14.4 Packing group:** III  
Labels: 9  
**14.5 Environmental hazards :** Environmentally hazardous  
**Tunnel restriction code:** E

**Sea transport(IMDG)**

- 14.1 UN number:** UN 3082  
**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ABAMECTIN AND CHLORANTRANILIPROLE)  
**14.3 Transport hazard class(es):** 9  
**14.4 Packing group:** III  
Labels: 9  
**14.5 Environmental hazards :** Marine pollutant

**Air transport (IATA-DGR)**

- 14.1 UN number:** UN 3082  
**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ABAMECTIN AND CHLORANTRANILIPROLE)  
**14.3 Transport hazard class(es):** 9  
**14.4 Packing group:** III  
Labels: 9

## VOLIAM TARGO 063 SC (AINO)

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

### 14.6 Special precautions for user

none

### 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 regulations/legislation specific for the substance or mixture

GHS-Labeling

Hazard pictograms



<b>Signal word</b>	:	Warning	
<b>Hazard statements</b>	:	H302 + H332 H361d H373 H410	Harmful if swallowed or if inhaled Suspected of damaging the unborn child. May cause damage to the nervous system through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	:	P102 P260  P264 P273 P314 P391 P501	Keep out of reach of children. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Avoid release to the environment. Get medical advice/ attention if you feel unwell. Collect spillage. Dispose of contents/ container to an approved waste disposal plant.
<b>Supplemental information</b>	:		Contains 1,2-benzisothiazol-3-one. May produce an allergic reaction.
<b>Remarks</b>	:	Classified using all GHS hazard classes and categories. Where the GHS contains options, the most conservative option has been chosen. Regional or national implementations of GHS may not implement all hazard classes and categories.	

Hazardous components which must be listed on the label:

- abamectin

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment is not required for this substance.

**SECTION 16: OTHER INFORMATION****Further information**

Full text of R-phrases referred to under sections 2 and 3:

R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R26/28	Very toxic by inhalation and if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R48/23/25	Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.

Full text of H-Statements referred to under sections 2 and 3.

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to the nervous system through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**VOLIAM TARGO 063 SC (AINO)**

Version 6 - This version replaces all previous versions.

Revision Date 22.10.2014

Print Date 22.10.2014

---

Full text of other abbreviations

ADR:	European Agreement Concerning the International Carriage of Dangerous Goods by Road	RID:	Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG:	International Maritime Code for Dangerous Goods	IATA-DGR:	International Air Transport Association Dangerous Goods Regulations
LC50:	Lethal concentration, 50%	LD50:	Lethal dose, 50%
EC50:	Effective dose, 50%	GHS:	Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Product names are a trademark or registered trademark of a Syngenta Group Company.

---