according to Regulation (EC) No. 1907/2006



# **APRON XL**

Version Revision Date: SDS Number: This version replaces all previous versions.

10.0 19.09.2017 S13378063

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

: APRON XL

Design code : A9642C

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

Use of the : Fungicide, Seed treatment

Substance/Mixture

1.3 Details of the supplier of the safety data sheet

Company : Syngenta SA (Pty) Ltd

P.O. Box 1044,

No. 4 Krokodildrift Avenue Brits 0250 South Africa

Telephone : +27 12 250 6300

Telefax : +27 12 250 3125

E-mail address of person

responsible for the SDS

: sds.ch@syngenta.com

1.4 Emergency telephone number

Emergency telephone

number

: +27 (0) 82 446 8946 (Griffon)

#### **SECTION 2: Hazards identification**

# 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4

H302: Harmful if swallowed.

Eye irritation, Category 2 H319: Causes serious eye irritation.

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

#### 2.2 Label elements

Statements

## Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

Signal word : Warning

Hazard statements : H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Supplemental Hazard : EUH401 To avoid risks to human health and the

environment, comply with the instructions for use.

EUH208 Contains 1,2-benzisothiazol-3-one.

May produce an allergic reaction.

Precautionary statements : Prevention:

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON

CENTER/doctor if you feel unwell. Rinse mouth.

P337 + P313 If eye irritation persists: Get medical advice/

attention.

Disposal:

P501 Dispose of contents/ container to an approved waste

disposal plant.

Hazardous components which must be listed on the label:

metalaxyl-M (ISO)

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## **SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures

## **Hazardous components**

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
metalaxyl-M (ISO)	70630-17-0	Acute Tox. 4; H302	>= 30 - < 50
		Eye Dam. 1; H318	
	612-163-00-0		
poly(oxy-1,2-ethanediyl), -[2,4,6-	99734-09-5	Aquatic Chronic 3;	>= 2.5 - < 10

according to Regulation (EC) No. 1907/2006



# **APRON XL**

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

tris(1-phenylethyl)phenyl] hydroxy-		H412	
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400	>= 0.0025 - < 0.025

For explanation of abbreviations see section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General advice : Have the product container, label or Safety Data Sheet with

you when calling the emergency number, a poison control

center or physician, or going for treatment.

If inhaled : 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.

In case of 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.

In case of 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.

If swallowed : 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 : No symptoms known or expected.

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

Treatment : There is no specific antidote available.

Treat symptomatically.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media : Extinguishing media - small fires

Use water spray, alcohol-resistant foam, dry chemical or

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

carbon dioxide.

Extinguishing media - large fires

Alcohol-resistant foam

or

Water spray

Unsuitable extinguishing

media

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

fire.

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

Specific hazards during

firefighting

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

Special protective equipment :

for firefighters

Wear full protective clothing and self-contained breathing

apparatus.

Further information : 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

Personal precautions : Refer to protective measures listed in sections 7 and 8.

#### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.

Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

## 6.3 Methods and material for containment and cleaning up

Methods for 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). Clean contaminated surface thoroughly. Clean with detergents. Avoid solvents.

Retain and dispose of contaminated wash water.

#### 6.4 Reference to other sections

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

## SECTION 7: Handling and storage

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

#### 7.1 Precautions for safe handling

Advice on 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

Requirements for storage areas and containers

: 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.

Further information on

storage stability

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)

Specific use(s)

: 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

**Occupational Exposure Limits** 

	Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
П	metalaxyl-M (ISO)	70630-17-0	TWA	5 mg/m3	Syngenta

## 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.

Maintain air concentrations below occupational exposure standards. Where necessary, seek additional occupational hygiene advice.

#### Personal protective equipment

Eye protection : Tightly fitting safety goggles

Always wear eye protection when the potential for inadvertent

eye contact with the product cannot be excluded.

Use eye protection according to EN 166.

Hand protection

Remarks : No special protective equipment required.

according to Regulation (EC) No. 1907/2006



APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

Skin and body protection No special protective equipment required.

Select skin and body protection based on the physical job

requirements.

No personal respiratory protective equipment normally Respiratory protection

required.

When workers are facing concentrations above the exposure

limit they must use appropriate certified respirators.

The use of technical measures should always have priority Protective measures

> over the use of personal protective equipment. When selecting personal protective equipment, seek

appropriate professional advice.

# **SECTION 9: Physical and chemical properties** 9.1 Information on basic physical and chemical properties

Appearance

: liquid

Colour light red to dark red

Odour weak

Odour Threshold No data available

Hq 3 - 7 (20 - 25 °C)

Concentration: 1 % w/v

Melting point/range No data available

> 90 °C **Boiling point/boiling range** 

(1,013.25 hPa)

103 °C Flash point

Evaporation rate No data available

Flammability (solid, gas) No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower : No data available

flammability limit

Vapour pressure

No data available

No data available Relative vapour density

Density 1.096 g/cm3 (25 °C)

Solubility(ies)

according to Regulation (EC) No. 1907/2006



APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

Solubility in other solvents :

Partition coefficient: n-

octanol/water

No data available

Miscible

Auto-ignition temperature 435 °C

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic

: 44.2 mPa.s (20 °C)

16.2 mPa.s (40 °C)

Explosive properties Not explosive

Oxidizing properties The substance or mixture is not classified as oxidizing.

9.2 Other information

Surface tension 27.1 mN/m, 100 %, 20 °C

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

None reasonably foreseeable.

## 10.2 Chemical stability

Stable under normal conditions.

# 10.3 Possibility of hazardous reactions

Hazardous reactions

No dangerous reaction known under conditions of normal use.

#### 10.4 Conditions to avoid

Conditions to avoid

No decomposition if used as directed.

### 10.5 Incompatible materials

Materials to avoid

None known.

## 10.6 Hazardous decomposition products

Hazardous decomposition

products

: No hazardous decomposition products are known.

## **SECTION 11: Toxicological information**

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

#### 11.1 Information on toxicological effects

## **Acute toxicity**

**Product:** 

Acute oral toxicity

: LD50 (Rat, female): > 1,000 - < 3,000 mg/kg

Acute dermal toxicity : LD50 (Rat, male and female): > 4,000 mg/kg

Assessment: The substance or mixture has no acute dermal

toxicity

Components:

metalaxyl-M (ISO):

Acute oral toxicity

: LD50 (Rat, male): 953 mg/kg

LD50 (Rat, female): 375 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 2.29 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Assessment: The substance or mixture has no acute

inhalation toxicity

Remarks: Highest attainable concentration

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg

Assessment: The substance or mixture has no acute dermal

toxicity

poly(oxy-1,2-ethanediyl), -[2,4,6-tris(1-phenylethyl)phenyl]- -hydroxy-:

Acute oral toxicity

: LD50 Oral (Rat): 5,000 mg/kg

Assessment: The substance or mixture has no acute oral

toxicity

Acute dermal toxicity : LD50 Dermal (Rat): > 2,000 mg/kg

Assessment: The substance or mixture has no acute dermal

toxicity

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity

: Assessment: The component/mixture is moderately toxic after

single ingestion.

Skin corrosion/irritation

**Product:** 

Species: Rabbit

Result: No skin irritation

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

Components:

metalaxyl-M (ISO):

Species: Rabbit

Result: No skin irritation

poly(oxy-1,2-ethanediyl), -[2,4,6-tris(1-phenylethyl)phenyl]- -hydroxy-:

Species: Rabbit

Result: No skin irritation

1,2-benzisothiazol-3(2H)-one:

Result: Irritating to skin.

Serious eye damage/eye irritation

**Product:** 

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

**Components:** 

metalaxyl-M (ISO):

Species: Rabbit

Result: Risk of serious damage to eyes.

poly(oxy-1,2-ethanediyl), -[2,4,6-tris(1-phenylethyl)phenyl]- -hydroxy-:

Species: Rabbit

Result: No eye irritation

1,2-benzisothiazol-3(2H)-one:

Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation

**Product:** 

Test Type: Buehler Test Species: Guinea pig

Result: Did not cause sensitisation on laboratory animals.

**Components:** 

metalaxyl-M (ISO):

Species: Guinea pig

Result: Did not cause sensitisation on laboratory animals.

1,2-benzisothiazol-3(2H)-one:

Result: Probability or evidence of skin sensitisation in humans

Germ cell mutagenicity

**Components:** 

metalaxyl-M (ISO):

Germ cell mutagenicity- : Animal testing did not show any mutagenic effects.

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

Assessment

poly(oxy-1,2-ethanediyl), -[2,4,6-tris(1-phenylethyl)phenyl]- -hydroxy-:

Germ cell mutagenicity-

Assessment

: In vitro tests did not show mutagenic effects

Carcinogenicity

**Components:** 

metalaxyl-M (ISO):

Carcinogenicity -: No evidence of carcinogenicity in animal studies.

Assessment

Reproductive toxicity

Components:

metalaxyl-M (ISO):

Reproductive toxicity -

Assessment

: No toxicity to reproduction

STOT - repeated exposure

**Components:** 

metalaxyl-M (ISO):

Assessment: The substance or mixture is not classified as specific target organ toxicant, single

exposure.

**SECTION 12: Ecological information** 

12.1 Toxicity

**Product:** 

: LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Toxicity to fish

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 54.4 mg/l

Exposure time: 48 h

Toxicity to algae : ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l

Exposure time: 72 h

NOEC (Desmodesmus subspicatus (green algae)): 32 mg/l

Exposure time: 72 h

Components:

metalaxyl-M (ISO):

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l

Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l

according to Regulation (EC) No. 1907/2006



APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions.

10.0 19.09.2017 S13378063

aquatic invertebrates Exposure time: 48 h

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 271

mg/l

Exposure time: 96 h

NOEC (Pseudokirchneriella subcapitata (green algae)): 19.7

mg/l

End point: Growth rate Exposure time: 96 h

Toxicity to microorganisms : EC50 (activated sludge): > 100 mg/l

Exposure time: 3 h

Toxicity to fish (Chronic

toxicity)

: NOEC: 50 mg/l Exposure time: 28 d

Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other : NOEC: 25 mg/l

aquatic invertebrates

Exposure time: 21 d

(Chronic toxicity) Species: Daphnia magna (Water flea)

poly(oxy-1,2-ethanediyl), -[2,4,6-tris(1-phenylethyl)phenyl]- -hydroxy-:

Toxicity to fish

: LC50 (Danio rerio (zebra fish)): 21 mg/l

Exposure time: 96 h

**Ecotoxicology Assessment** 

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

1,2-benzisothiazol-3(2H)-one:

**Ecotoxicology Assessment** 

Acute aquatic toxicity : Very toxic to aquatic life.

12.2 Persistence and degradability

Components:

metalaxyl-M (ISO):

Biodegradability

Result: Not readily biodegradable.

Stability in water : Degradation half life: 22.4 - 47.5 d

Remarks: Product is not persistent.

12.3 Bioaccumulative potential

**Components:** 

metalaxyl-M (ISO):

Bioaccumulation

: Remarks: Low bioaccumulation potential.

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

Partition coefficient: n-

octanol/water

log Pow: 1.71 (25 °C)

#### 12.4 Mobility in soil

#### **Components:**

metalaxyl-M (ISO):

Distribution among environmental compartments

Remarks: Metalaxyl has a range from low to very high mobility

in soil depending on soil type.

Stability in soil : Dissipation time: < 50 d

Percentage dissipation: 50 % (DT50) Remarks: Product is not persistent.

#### 12.5 Results of PBT and vPvB assessment

#### **Product:**

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

## Components:

## metalaxyl-M (ISO):

Assessment

: 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)..

## poly(oxy-1,2-ethanediyl), -[2,4,6-tris(1-phenylethyl)phenyl]- -hydroxy-:

Assessment

: 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

No data available

## **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.

according to Regulation (EC) No. 1907/2006



APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

Triple rinse containers.

Empty remaining contents.

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**

#### 14.1 UN number

Not regulated as a dangerous good

## 14.2 UN proper shipping name

Contaminated packaging

Not regulated as a dangerous good

## 14.3 Transport hazard class(es)

Not regulated as a dangerous good

## 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

## 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport

regulations.

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

#### **SECTION 15: Regulatory information**

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

Not applicable

Regulation (EC) No 1005/2009 on substances that

deplete the ozone layer

: Not applicable

Regulation (EC) No 850/2004 on persistent organic : Not applicable

pollutants

Regulation (EC) No 649/2012 of the European

Parliament and the Council concerning the export and

import of dangerous chemicals

: Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

## Other regulations:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions.

10.0 19.09.2017 S13378063

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

#### **SECTION 16: Other information**

#### **Full text of H-Statements**

Skin Sens.

H302 : Harmful if swallowed. H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.

H400 : Very toxic to aquatic life.

H412 : Harmful to aquatic life with long lasting effects.

Skin sensitisation

#### Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Acute : Acute aquatic toxicity
Aquatic Chronic : Chronic aquatic toxicity
Eye Dam. : Serious eye damage
Skin Irrit. : Skin irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; 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; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; 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; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (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; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### **Further information**

according to Regulation (EC) No. 1907/2006



# APRON XL

Version Revision Date: SDS Number: This version replaces all previous versions. 10.0 19.09.2017 S13378063

Classification of the mixture:

Classification procedure:

Acute Tox. 4 H302 Based on product data or assessment Eye Irrit. 2 H319 Based on product data or assessment

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.

CH / EN