

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

1.1 Product identifier

Product name: Fortakleen 100

Product No.: 000001015641

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

Identified uses: Cleaning agent

Uses advised against: Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Agfa Graphics NV
Septestraat 27
2640 Mortsel
Belgium

Telephone: +32 3 4442111

Fax: +32 3 4447094

E-mail: electronic.sds@agfa.com

National Supplier

Agfa-Gevaert Ltd.
Vantage West
Great West Road
Brentford, Middlesex TW8 9AX
United Kingdom

Telephone: +44 (0)20 8 231 4616

Fax: +44 (0)20 8 231 4951

E-mail: electronic.sds@agfa.com

1.4 Emergency telephone number:

Emergency telephone number (Belgium) : +32 3 4443333 (24h/24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Not classified

2.2 Label Elements

not applicable

Supplemental label information

EUH210: Safety data sheet available on request.

EUH208: May produce an allergic reaction.

Contains: 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3 Other hazards

Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
2-butoxyethanol	5 - <10%	111-76-2	203-905-0	01-2119475108-36-XXXX	No data available.	#
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)	>=0 - <=0.0014%	55965-84-9		No data available.	No data available.	
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	>=0 - <=0.05%	2634-33-5	220-120-9	No data available.	No data available.	

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Classification	Notes
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2-butoxyethanol	Acute Tox.: 4: H312 Skin Irrit.: 2: H315 Eye Irrit.: 2: H319 Acute Tox.: 4: H302 Acute Tox.: 4: H332	No data available.
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)	Skin Corr.: 1B: H314 Aquatic Acute: 1: H400 Skin Sens.: 1: H317 Acute Tox.: 3: H331 Acute Tox.: 3: H311 Acute Tox.: 3: H301 Aquatic Chronic: 1: H410	No data available.
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	Skin Sens.: 1: H317 Eye Dam.: 1: H318 Aquatic Acute: 1: H400 Skin Irrit.: 2: H315 Acute Tox.: 4: H302	No data available.

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:	Move to fresh air.
Eye contact:	Rinse immediately with plenty of water.
Skin Contact:	Remove contaminated clothing and wash the skin thoroughly with soap and water after work.
Ingestion:	Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: See section 11 of the SDS for additional information on health hazards. See section 11 of the SDS for additional information on health hazards.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards:	No data available.
Treatment:	Get medical attention if symptoms occur. Skin and/or eye contact. Flush thoroughly with water for at least 15 minutes. Get medical assistance.

SECTION 5: Firefighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

5.1 Extinguishing media

Suitable extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Put on protective equipment before entering danger area.
- 6.2 Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.
- 6.3 Methods and material for containment and cleaning up:** Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.
- 6.4 Reference to other sections:** For personal protection see section 8. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store away from incompatible materials.
- 7.3 Specific end use(s):** Reserved for industrial and professional use.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	type	Exposure Limit Values	Source
2-butoxyethanol	STEL	50 ppm 246 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
	TWA	25 ppm 123 mg/m3	
	STEL	50 ppm 246 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)
	TWA	20 ppm 98 mg/m3	EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU (12 2009)

Biological Limit Values

None.

DNEL-Values

Critical component	type	Route of Exposure		Remarks
2-butoxyethanol	General population	Dermal	44.5 mg/kg	Acute toxicity
	Workers	Inhalation	98 mg/m3	Repeated dose toxicity
	Workers	Inhalation	246 mg/m3	Irritating to respiratory system.
	General population	Oral	3.2 mg/kg	Repeated dose toxicity
	General population	Inhalation	426 mg/m3	Acute toxicity
	Workers	Dermal	75 mg/kg	Repeated dose toxicity
	General population	Inhalation	123 mg/m3	Irritating to respiratory system.
	General population	Oral	13.4 mg/kg	Acute toxicity
	Workers	Inhalation	663 mg/m3	Acute toxicity
	General population	Dermal	38 mg/kg	Repeated dose toxicity
	Workers	Dermal	89 mg/kg	Acute toxicity
	General population	Inhalation	49 mg/m3	Repeated dose toxicity
phosphoric acid...%, orthophosphoric acid...%	Workers	Inhalation	2.92 mg/m3	Repeated dose toxicity
	Workers	Inhalation	2 mg/m3	
	Workers	Inhalation	1 mg/m3	Repeated dose toxicity
	General population	Inhalation	0.73 mg/m3	Repeated dose toxicity

PNEC-Values

Critical component	Environmental compartment		Remarks
2-butoxyethanol	Sewage treatment plant	463 mg/l	
	Aquatic (freshwater)	8.8 mg/l	
	soil	3.13 mg/kg	
	freshwater sediment	34.6 mg/kg	
	Aquatic (intermit. releases)	9.1 mg/l	
	Predator	0.02 g/kg	
	Aquatic (marine water)	0.88 mg/l	

8.2 Exposure controls

Appropriate Engineering Controls: Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow training instructions when handling this material.

Eye/face protection: Safety goggles. EN 166.

Skin protection

Hand Protection:	Protective gloves should be used if there is a risk of direct contact or splash.(EN374) Chemical resistant gloves required for prolonged or repeated contact. Butyl rubber. Glove thickness: > 0.70 mm Break-through time: > 480 min Risk of splashes: Nitrile rubber. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
Other:	Safety clothes : long sleeved clothing EN13688
Respiratory Protection:	In case of inadequate ventilation use suitable respirator (EN14387). Seek advice from local supervisor.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
Environmental Controls:	Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	No data available
Odor:	No information available.
Odor Threshold:	No data available.
pH:	4.5
Freezing point:	< 0 °C (Literature.)
Boiling Point:	> 100 °C (Literature.)
Flash Point:	No data available.
Evaporation Rate:	No data available
Flammability (solid, gas):	Not flammable.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available
Vapor density (air=1):	No data available
Relative density:	1.046
Solubility(ies)	
Solubility in Water:	No data available
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	No data available.
Viscosity:	No data available
Explosive properties:	No data available.

Oxidizing properties: No data available.

9.2 Other information

VOC Content: EC Directive 1999/13: 73 g/l ~7.3 % (calculated)
 EC Directive 2004/42: 73 g/l ~7.3 % (calculated)

SECTION 10: Stability and reactivity

- 10.1 Reactivity:** Material is stable under normal conditions.
- 10.2 Chemical Stability:** Material is stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** Material is stable under normal conditions.
- 10.4 Conditions to avoid:** Avoid heat or contamination.
- 10.5 Incompatible Materials:** No data available.
- 10.6 Hazardous Decomposition Products:** By heating and fire, harmful vapors/gases may be formed.

SECTION 11: Toxicological information

Information on likely routes of exposure

- Inhalation:** Inhalation is the primary route of exposure. In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
- Ingestion:** May be ingested by accident. Ingestion may cause irritation and malaise.
- Skin Contact:** Moderately irritating to skin with prolonged exposure.
- Eye contact:** Eye contact is possible and should be avoided.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product: ATEmix: 23,917.81 mg/kg

Specified substance(s)

2-butoxyethanol LD 50 (Rat): 1,746 mg/kg

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) No data available.

1,2-benzisothiazol-3(2H)- No data available.

one; 1,2-benzisothiazolin-3-one

Dermal

Product: ATEmix: 14,520.55 mg/kg

Specified substance(s)

2-butoxyethanol LD 50 (Rabbit): 1,060 mg/kg

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) No data available.

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

Inhalation

Product: ATEmix150.68 mg/l Vapour

Specified substance(s)

2-butoxyethanol LC 50 (Rat):
 LC 50 (Rat, 4 h):

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) No data available.

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

Repeated dose toxicity

Product: No data available.

Specified substance(s)

2-butoxyethanol NOAEL (Rabbit(Female, Male), Dermal, 90 d): > 150 mg/kg
 NOAEL (Rat(Female), Oral, 90 d): < 82 mg/kg
 NOAEL (Rat(Male), Oral, 90 d): < 69 mg/kg
 NOAEL (Rat(Male), Inhalation, 14 Weeks): 62.5 ppm(m)
 NOAEL (Rat(Female), Inhalation, 14 Weeks): < 31 ppm(m)

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) No data available.

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

2-butoxyethanol in vivo (Rabbit): Irritating

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] No data available.

and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

Serious Eye Damage/Eye Irritation:

Product: No data available.

Specified substance(s)

2-butoxyethanol in vivo (Rabbit, 24 - 72 hrs): Irritating EU

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] No data available.

and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

Respiratory or Skin Sensitization:

Product: No data available.

Specified substance(s)

2-butoxyethanol No data available.

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] Causes sensitization.

and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

Germ Cell Mutagenicity**In vitro****Product:** No data available.**Specified substance(s)**

2-butoxyethanol No data available.

mixture of: 5-chloro-2-

methyl-4-isothiazolin-3-

one [EC no.247- 500-7]

and 2-methyl-2H-isothi-

azolin-3-one [EC no. 220-

239-6] (3:1)

1,2-benzisothiazol-3(2H)- No data available.

one; 1,2-benzisothiazolin-

3-one

In vivo**Product:** No data available.**Specified substance(s)**

2-butoxyethanol No data available.

mixture of: 5-chloro-2-

methyl-4-isothiazolin-3-

one [EC no.247- 500-7]

and 2-methyl-2H-isothi-

azolin-3-one [EC no. 220-

239-6] (3:1)

1,2-benzisothiazol-3(2H)- No data available.

one; 1,2-benzisothiazolin-

3-one

Carcinogenicity**Product:** No data available.**Specified substance(s)**

2-butoxyethanol No data available.

mixture of: 5-chloro-2-

methyl-4-isothiazolin-3-

one [EC no.247- 500-7]

and 2-methyl-2H-isothi-

azolin-3-one [EC no. 220-

239-6] (3:1)

1,2-benzisothiazol-3(2H)- No data available.

one; 1,2-benzisothiazolin-

3-one

Reproductive toxicity**Product:** No data available.**Specified substance(s)**

2-butoxyethanol No data available.
mixture of: 5-chloro-2- No data available.
methyl-4-isothiazolin-3-
one [EC no.247- 500-7]
and 2-methyl-2H-isothi
azolin-3-one [EC no. 220-
239-6] (3:1)
1,2-benzisothiazol-3(2H)- No data available.
one; 1,2-benzisothiazolin-
3-one

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

2-butoxyethanol No data available.
mixture of: 5-chloro-2- No data available.
methyl-4-isothiazolin-3-
one [EC no.247- 500-7]
and 2-methyl-2H-isothi
azolin-3-one [EC no. 220-
239-6] (3:1)
1,2-benzisothiazol-3(2H)- No data available.
one; 1,2-benzisothiazolin-
3-one

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

2-butoxyethanol No data available.
mixture of: 5-chloro-2- No data available.
methyl-4-isothiazolin-3-
one [EC no.247- 500-7]
and 2-methyl-2H-isothi
azolin-3-one [EC no. 220-
239-6] (3:1)
1,2-benzisothiazol-3(2H)- No data available.
one; 1,2-benzisothiazolin-
3-one

Aspiration Hazard

Product: No data available.

Specified substance(s)

2-butoxyethanol No data available.

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	No data available. No data available.
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SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

2-butoxyethanol mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	LC 50 (Pimephales promelas, 96 h): 1,580 mg/l experimental result No data available. No data available.
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Aquatic Invertebrates

Product: No data available.

Specified substance(s)

2-butoxyethanol mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	EC 50 (48 h): +/- 1,800 mg/l (Static) experimental result No data available. No data available.
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Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

<p>2-butoxyethanol mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</p>	<p>NOAEL (Danio rerio, 21 d): > 100 mg/l (semi-static) experimental result No data available.</p> <p>No data available.</p>
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Aquatic Invertebrates

Product: No data available.

Specified substance(s)

<p>2-butoxyethanol mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</p>	<p>No data available. No data available. No data available.</p>
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Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

<p>2-butoxyethanol mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</p>	<p>No data available. No data available. No data available.</p>
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12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

<p>2-butoxyethanol</p>	<p>No data available.</p>
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<p>mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)</p> <p>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</p>	<p>No data available.</p> <p>No data available.</p>
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BOD/COD Ratio

Product	No data available.
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Specified substance(s)

<p>2-butoxyethanol</p> <p>mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)</p> <p>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</p>	<p>No data available.</p> <p>No data available.</p> <p>No data available.</p>
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12.3 Bioaccumulative Potential

Product:	No data available.
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Specified substance(s)

<p>2-butoxyethanol</p> <p>mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1)</p> <p>1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one</p>	<p>No data available.</p> <p>No data available.</p> <p>No data available.</p>
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12.4 Mobility in Soil:

No data available.

Known or predicted distribution to environmental compartments

<p>2-butoxyethanol</p> <p>mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothi azolin-3-one [EC no. 220-239-6] (3:1)</p>	<p>No data available.</p> <p>No data available.</p>
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1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

12.5 Results of PBT and vPvB assessment: Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria

2-butoxyethanol No data available.

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazolin-3-one [EC no. 220-239-6] (3:1) No data available.

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one No data available.

12.6 Other Adverse Effects: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: Disposal considerations (including disposal of contaminated containers or packaging) Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Disposal methods: Wash before disposal. Dispose to controlled facilities.

SECTION 14: Transport information

ADR

- 14.1 UN Number: Not regulated.
- 14.2 UN Proper Shipping Name: Not regulated.
- 14.3 Transport Hazard Class(es) Not regulated.
- 14.4 Packing Group: Not regulated.
- 14.5 Environmental Hazards: Not regulated.
- 14.6 Special precautions for user: Not regulated.

RID

- 14.1 UN Number: Not regulated.
- 14.2 UN Proper Shipping Name: Not regulated.
- 14.3 Transport Hazard Class(es) Not regulated.
- 14.4 Packing Group: Not regulated.
- 14.5 Environmental Hazards: Not regulated.
- 14.6 Special precautions for user: Not regulated.

IMDG

- 14.1 UN Number: Not regulated.
- 14.2 UN Proper Shipping Name: Not regulated.
- 14.3 Transport Hazard Class(es) Not regulated.
- 14.4 Packing Group: Not regulated.

14.5 Environmental Hazards: Not regulated.
 14.6 Special precautions for user: Not regulated.

IATA

14.1 UN Number: Not regulated.
 14.2 UN Proper Shipping Name: Not regulated.
 14.3 Transport Hazard Class(es): Not regulated.
 14.4 Packing Group: Not regulated.
 14.5 Environmental Hazards: Not regulated.
 14.6 Special precautions for user: Not regulated.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable.

SECTION 15: Regulatory information

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

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 689/2008 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use: none

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

Directive 96/82/EC (Seveso II): on the control of major accident hazards involving dangerous substances:

Chemical name	CAS-No.	Concentration
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	2634-33-5	0 - <0.1%
2-Methyl-2H-isothiazol-3-one	2682-20-4	0 - <0.1%
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothi azolin-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0 - <0.1%

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

Chemical name	CAS-No.	Concentration
2-butoxyethanol	111-76-2	1.0 - 10%
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	2634-33-5	0 - <0.1%
2-Methyl-2H-isothiazol-3-one	2682-20-4	0 - <0.1%
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247- 500-7] and 2-methyl-2H-isothi azolin-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0 - <0.1%
phosphoric acid...%, orthophosphoric acid...%	7664-38-2	0 - <0.1%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Revision Information: Not relevant.Not relevant.

Key literature references and sources for data:

Safety Data Sheet from the supplier.
 ECHA
 This safety data sheet contains an ES (if applicable) in an integrated form. Contents of the exposure scenario have been included (if applicable) into sections 1.2, 8, 9, 12, 15 and 16 of this safety data sheet. The downstream user has to check whether his uses are covered by the integrated ES information in this safety data sheet.

Wording of the H-statements in section 2 and 3

- H227 Combustible liquid.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.

Training information: No data available.

Other information: This Safety Data Sheet is compiled in accordance with European Directives and corresponding national legislation.

Issue Date: 16.06.2016

SDS No.:

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.