Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

amended by 2020/878/EU

FP40 omniflow

Version number: 1.0 Date of compilation: 27.08.2025

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

1.1 Product identifier

Trade name	**FP40 omniflow**
Registration number (REACH)	not relevant (mixture)
Unique formula identifier (UFI)	SV00-U0HY-U00S-9CTH

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

Relevant identified uses	Primer Construction Professional use

1.3 Details of the supplier of the safety data sheet

Omnicol Flooring BV
Hambakenwetering 8D-3
5231 DC 'S Hertogenbosch
Netherlands

Telephone: +31 073 599 29 25
e-mail: info@omnicolflooring.eu
Website: www.omnicol.eu

1.4 Emergency telephone number

Emergency information service: This number is only available during the following office hours: Mon-Fri 09:00 - 17:00

Poison centre

Country	Name	Telephone
Netherlands	Nationaal Vergiftigingen Informatie Centrum (UMC Utrecht) Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen	+31 88 755 8000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

Code	Supplemental hazard information
EUH208	contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction
EUH210	safety data sheet available on request

2.2 Label elements

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

- signal word: Not required.
- pictograms: Not required.

- supplemental hazard information

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

The product does not contain (other) ingredients which are classified according to present knowledge of the supplier and contribute to the classification of the product and hence require reporting in this section.

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5 EC No 220-120-9 Index No 613-088-00-6 REACH Reg. No 01-2120761540-60-xxxx	< 0,1	Acute Tox. 4 / H302 Acute Tox. 2 / H330 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1A / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		GHS-HC
ammonia ... %	CAS No 1336-21-6 EC No 215-647-6 Index No 007-001-01-2	< 0,1	Skin Corr. 1B / H314 STOT SE 3 / H335 Aquatic Acute 1 / H400		B GHS-HC IOELV
Bronopol	CAS No 52-51-7 EC No 200-143-0 Index No 603-085-00-8 REACH Reg. No 01-2119980938-15-xxxx	< 0,01	Acute Tox. 3 / H301 Acute Tox. 4 / H312 Acute Tox. 3 / H331 Skin Irrit. 2 / H315 Eye Dam. 1 / H318 STOT SE 3 / H335 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410		GHS-HC
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS No 55965-84-9 EC No 911-418-6 Index No 613-167-00-5 REACH Reg. No 01-2120764691-48-xxxx	< 0,01	Acute Tox. 3 / H301 Acute Tox. 2 / H310 Acute Tox. 2 / H330 Skin Corr. 1C / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410 EUH071		B GHS-HC
2-octyl-2H-isothiazol-3-one	CAS No 26530-20-1 EC No 247-761-7	< 0,01	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 2 / H330 Skin Corr. 1 / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317		GHS-HC

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms	Notes
	Index No 613-112-00-5 REACH Reg. No 01-2120768921-45-xxxx		Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410 EUH071		

Notes

B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

GHS-HC: Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

IOELV: Substance with a community indicative occupational exposure limit value

Name of substance	Identifier	Specific Conc. Limits	M-Factors	ATE	Exposure route
1,2-benziso-thiazol-3(2H)-one	CAS No 2634-33-5 EC No 220-120-9	Skin Sens. 1A; H317: C ≥ 0,036 %	M-factor (acute) = 1 M-factor (chronic) = 1	450 $^{mg}/_{kg}$ 0,21 $^{mg}/_{l}$/4h	oral inhalation: dust/mist
ammonia ... %	CAS No 1336-21-6 EC No 215-647-6	STOT SE 3; H335: C ≥ 5 %	-	-	
Bronopol	CAS No 52-51-7 EC No 200-143-0	-	M-factor (acute) = 100 M-factor (chronic) = 10	193 $^{mg}/_{kg}$ 1.100 $^{mg}/_{kg}$ ≥0,588 $^{mg}/_{l}$/4h	oral dermal inhalation: dust/mist
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS No 55965-84-9 EC No 911-418-6	Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A; H317: C ≥ 0,0015 %	M-factor (acute) = 100 M-factor (chronic) = 100	64 $^{mg}/_{kg}$ 87,12 $^{mg}/_{kg}$ 0,5 $^{mg}/_{l}$/4h 0,171 $^{mg}/_{l}$/4h	oral dermal inhalation: vapour inhalation: dust/mist
2-octyl-2H-iso-thiazol-3-one	CAS No 26530-20-1 EC No 247-761-7	Skin Sens. 1A; H317: C ≥ 0,0015 %	M-factor (acute) = 100 M-factor (chronic) = 100	125 $^{mg}/_{kg}$ 311 $^{mg}/_{kg}$ 0,27 $^{mg}/_{l}$/4h	oral dermal inhalation: dust/mist

Remarks

All the percentages given are percentages by weight unless stated otherwise. For full text of H-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

Following skin contact

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Following eye contact

Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion

Rinse mouth with water (only if the person is conscious). Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

For specialist advice physicians should contact the poison centre.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray; Dry extinguishing powder; Carbon dioxide (CO2);
Co-ordinate firefighting measures to the fire surroundings.

Unsuitable extinguishing media

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

During fire hazardous fumes/smoke could be produced.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters

Self-contained breathing apparatus (EN 133). Standard protective clothing for firefighters.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety. Ventilate affected area.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Use personal protective equipment as required.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- flammability hazards

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge.

- incompatible substances or mixtures

Keep away from alkalis, oxidising substances, acids.

Control of effects

Protect against external exposure, such as

High temperatures. UV-radiation/sunlight.

Consideration of other advice

Store in a well-ventilated place. Keep container tightly closed.

- packaging compatibilities

Keep only in original container.

7.3 Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Notation	Source
EU	ammonia, anhydrous	1336-21-6	IOELV	20	14	50	36		2000/39/EC
NL	ammonia	1336-21-6	GW	20	14	50	36		SC-SZW

Notation

STEL	short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs/DMELs/PNECs and other threshold levels

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	6,81 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	0,966 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	1,2 mg/m³	human, inhalatory	consumer (private households)	chronic - systemic effects
1,2-benzisothiazol-3(2H)-one	2634-33-5	DNEL	0,345 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Bronopol	52-51-7	DNEL	3,5 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Bronopol	52-51-7	DNEL	10,5 mg/m³	human, inhalatory	worker (industry)	acute - systemic effects
Bronopol	52-51-7	DNEL	2,5 mg/m³	human, inhalatory	worker (industry)	chronic - local effects
Bronopol	52-51-7	DNEL	2,5 mg/m³	human, inhalatory	worker (industry)	acute - local effects
Bronopol	52-51-7	DNEL	2 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Bronopol	52-51-7	DNEL	6 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects
Bronopol	52-51-7	DNEL	8 µg/cm²	human, dermal	worker (industry)	chronic - local effects
Bronopol	52-51-7	DNEL	8 µg/cm²	human, dermal	worker (industry)	acute - local effects
Bronopol	52-51-7	DNEL	0,6 mg/m³	human, inhalatory	consumer (private households)	chronic - systemic effects
Bronopol	52-51-7	DNEL	1,8 mg/m³	human, inhalatory	consumer (private households)	acute - systemic effects
Bronopol	52-51-7	DNEL	0,6 mg/m³	human, inhalatory	consumer (private households)	chronic - local effects
Bronopol	52-51-7	DNEL	0,6 mg/m³	human, inhalatory	consumer (private households)	acute - local effects
Bronopol	52-51-7	DNEL	0,7 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic effects
Bronopol	52-51-7	DNEL	2,1 mg/kg bw/day	human, dermal	consumer (private households)	acute - systemic effects
Bronopol	52-51-7	DNEL	4 µg/cm²	human, dermal	consumer (private households)	chronic - local effects
Bronopol	52-51-7	DNEL	4 µg/cm²	human, dermal	consumer (private households)	acute - local effects
Bronopol	52-51-7	DNEL	0,18 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
Bronopol	52-51-7	DNEL	0,5 mg/kg bw/day	human, oral	consumer (private households)	acute - systemic effects
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0,02 mg/m³	human, inhalatory	worker (industry)	chronic - local effects

Relevant DNELs of components of the mixture

Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0,04 mg/m³	human, inhalatory	worker (industry)	acute - local effects
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0,02 mg/m³	human, inhalatory	consumer (private households)	chronic - local effects
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0,04 mg/m³	human, inhalatory	consumer (private households)	acute - local effects
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0,09 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic effects
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	DNEL	0,11 mg/kg bw/day	human, oral	consumer (private households)	acute - systemic effects

Relevant PNECs of components

Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	4,03 µg/l	aquatic organisms	freshwater	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	0,403 µg/l	aquatic organisms	marine water	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	1,03 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	49,9 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	4,99 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
1,2-benzisothiazol-3(2H)-one	2634-33-5	PNEC	3 mg/kg	terrestrial organisms	soil	short-term (single instance)
Bronopol	52-51-7	PNEC	0,003 mg/l	aquatic organisms	water	intermittent release
Bronopol	52-51-7	PNEC	0 mg/l	aquatic organisms	freshwater	short-term (single instance)
Bronopol	52-51-7	PNEC	0,001 mg/l	aquatic organisms	marine water	short-term (single instance)
Bronopol	52-51-7	PNEC	0,43 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Bronopol	52-51-7	PNEC	0,008 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Bronopol	52-51-7	PNEC	0,009 mg/kg	aquatic organisms	marine sediment	short-term (single

Relevant PNECs of components

Name of sub-stance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
						instance)
Bronopol	52-51-7	PNEC	0,21 mg/kg	terrestrial organ-isms	soil	short-term (single instance)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-iso-thiazol-3-one (3:1)	55965-84-9	PNEC	3,39 µg/l	aquatic organisms	freshwater	short-term (single instance)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-iso-thiazol-3-one (3:1)	55965-84-9	PNEC	3,39 µg/l	aquatic organisms	marine water	short-term (single instance)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-iso-thiazol-3-one (3:1)	55965-84-9	PNEC	0,23 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-iso-thiazol-3-one (3:1)	55965-84-9	PNEC	0,027 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-iso-thiazol-3-one (3:1)	55965-84-9	PNEC	0,027 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-iso-thiazol-3-one (3:1)	55965-84-9	PNEC	0,01 mg/kg	terrestrial organ-isms	soil	short-term (single instance)
2-octyl-2H-isothiazol-3-one	26530-20-1	PNEC	2,2 µg/l	aquatic organisms	freshwater	short-term (single instance)
2-octyl-2H-isothiazol-3-one	26530-20-1	PNEC	0,22 µg/l	aquatic organisms	marine water	short-term (single instance)
2-octyl-2H-isothiazol-3-one	26530-20-1	PNEC	47,5 µg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
2-octyl-2H-isothiazol-3-one	26530-20-1	PNEC	4,75 µg/kg	aquatic organisms	marine sediment	short-term (single instance)
2-octyl-2H-isothiazol-3-one	26530-20-1	PNEC	8,2 µg/kg	terrestrial organ-isms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation. Provide eyewash stations and safety showers at the workplace.

Individual protection measures (personal protective equipment)

Eye/face protection

Use safety goggle with side protection (EN 166).

Skin protection

Protective clothing (EN 340 & EN ISO 13688).

Hand protection

Wear suitable gloves. Check leak-tightness/impermeability prior to use. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Chemical protection gloves are suitable, which are tested according to EN 374. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- type of material

IIR: isobutene-isoprene (butyl) rubber, Nitrile rubber, Butyl rubber

- breakthrough time of the glove material

Use gloves with a minimum breakthrough time of the glove material: >10 minutes (permeation: level 1).

- other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Full face mask/half mask/quarter mask (EN 136/140).

Environmental exposure controls

Take appropriate precautions to avoid uncontrolled release into the environment. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	white
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	100 °C calculated value, referring to a component of the mixture
Flammability	non-combustible
Lower and upper explosion limit	LEL: UEL: not determined
Flash point	not applicable
Auto-ignition temperature	not relevant
Decomposition temperature	no data available
pH (value)	not determined
Kinematic viscosity	not determined
Solubility	not determined

Partition coefficient n-octanol/water (log value)	this information is not available

Vapour pressure	18 mmHg at 20 °C calculated value, referring to a component of the mixture

Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)

9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
Other safety characteristics	there is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidisers.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components

Name of substance	CAS No	Exposure route	ATE
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	450 $^{mg}/_{kg}$
1,2-benzisothiazol-3(2H)-one	2634-33-5	inhalation: dust/mist	0,21 $^{mg}/_{l}$/4h
Bronopol	52-51-7	oral	193 $^{mg}/_{kg}$
Bronopol	52-51-7	dermal	1.100 $^{mg}/_{kg}$
Bronopol	52-51-7	inhalation: dust/mist	≥0,588 $^{mg}/_{l}$/4h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	oral	64 $^{mg}/_{kg}$
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	dermal	87,12 $^{mg}/_{kg}$
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	inhalation: vapour	0,5 $^{mg}/_{l}$/4h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	inhalation: dust/mist	0,171 $^{mg}/_{l}$/4h
2-octyl-2H-isothiazol-3-one	26530-20-1	oral	125 $^{mg}/_{kg}$
2-octyl-2H-isothiazol-3-one	26530-20-1	dermal	311 $^{mg}/_{kg}$
2-octyl-2H-isothiazol-3-one	26530-20-1	inhalation: dust/mist	0,27 $^{mg}/_{l}$/4h

Acute toxicity of components

Name of substance	CAS No	Exposure route	Endpoint	Value	Species
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	LD50	490 $^{mg}/_{kg}$	rat
1,2-benzisothiazol-3(2H)-one	2634-33-5	dermal	LD50	>2.000 $^{mg}/_{kg}$	rat
Bronopol	52-51-7	inhalation: dust/mist	LC50	≥0,588 $^{mg}/_{l}$/4h	rat
Bronopol	52-51-7	oral	LD50	193 $^{mg}/_{kg}$	rat
Bronopol	52-51-7	dermal	LD50	>2.000 $^{mg}/_{kg}$	rat
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	oral	LD50	64 $^{mg}/_{kg}$	rat
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	inhalation: dust/mist	LC50	0,171 $^{mg}/_{l}$/4h	rat
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	dermal	LD50	87,12 $^{mg}/_{kg}$	rabbit
2-octyl-2H-isothiazol-3-one	26530-20-1	oral	LD50	125 $^{mg}/_{kg}$	rat

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity
Shall not be classified as carcinogenic.

Reproductive toxicity
Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure
Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure
Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard
Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

Endocrine disrupting properties
Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

Other information
There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity
Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
1,2-benzisothiazol-3(2H)-one	2634-33-5	ErC50	150 µg/l	algae	72 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	LC50	16,7 mg/l	sheepshead minnow (Cyprinodon variegatus)	96 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	EC50	2,94 mg/l	daphnia magna	48 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	NOEC	55 µg/l	algae	72 h
Bronopol	52-51-7	ErC50	0,026 mg/l	algae	72 h
Bronopol	52-51-7	LC50	11 mg/l	bluegill (Lepomis macrochirus)	96 h
Bronopol	52-51-7	EC50	1,4 mg/l	daphnia magna	48 h
Bronopol	52-51-7	NOEC	>20 mg/l	bluegill (Lepomis macrochirus)	96 h
Bronopol	52-51-7	growth rate (ErCx) 10%	0,013 mg/l	algae	72 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	ErC50	19,9 µg/l	algae	72 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	LC50	0,28 mg/l	bluegill (Lepomis macrochirus)	96 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	EC50	0,007 mg/l	aquatic invertebrates	48 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	NOEC	0,22 mg/l	bluegill (Lepomis macrochirus)	96 h
2-octyl-2H-isothiazol-3-one	26530-20-1	LC50	0,122 mg/l	fish	96 h

Aquatic toxicity (acute) of components of the mixture					
Name of substance	**CAS No**	**Endpoint**	**Value**	**Species**	**Exposure time**
2-octyl-2H-isothiazol-3-one	26530-20-1	ErC50	0,15 mg/l	algae	96 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	**CAS No**	**Endpoint**	**Value**	**Species**	**Exposure time**
1,2-benzisothiazol-3(2H)-one	2634-33-5	EC50	13 mg/l	microorganisms	3 h
1,2-benzisothiazol-3(2H)-one	2634-33-5	NOEC	40,3 µg/l	algae	72 h
Bronopol	52-51-7	LC50	35,7 mg/l	bluegill (Lepomis macrochirus)	96 d
Bronopol	52-51-7	EC50	0,27 – 0,88 mg/l	daphnia magna	21 d
Bronopol	52-51-7	NOEC	2,61 mg/l	rainbow trout (Oncorhynchus mykiss)	28 d
Bronopol	52-51-7	LOEC	0,88 mg/l	daphnia magna	21 d
Bronopol	52-51-7	growth (EbCx) 10%	0,005 mg/l	green algae (Desmodesmus subspicatus)	72 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	ErC50	45,6 µg/l	algae	120 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	LC50	0,07 mg/l	rainbow trout (Oncorhynchus mykiss)	14 d
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	EC50	>0,18 mg/l	daphnia magna	21 d
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	LOEL	0,06 mg/l	fish	36 d
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	NOEC	≥46,4 µg/l	zebra fish (Danio rerio)	35 d
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	LOEC	0,144 mg/l	rainbow trout (Oncorhynchus mykiss)	28 d

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number or ID number	not subject to transport regulations
14.2 UN proper shipping name	not relevant
14.3 Transport hazard class(es)	none
14.4 Packing group	not assigned
14.5 Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

No data available.

Additional information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - additional information

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) - additional information

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - additional information

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Restrictions according to REACH, Annex XVII

Name	Name acc. to inventory	No
1,2-benzisothiazol-3(2H)-one	substances in tattoo inks and permanent make-up	75
2-octyl-2H-isothiazol-3-one	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	3
2-octyl-2H-isothiazol-3-one	substances in tattoo inks and permanent make-up	75
ammonia ... %	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	3
ammonia ... %	substances in tattoo inks and permanent make-up	75
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one	this product meets the criteria for classification in accord-	3

Name	Name acc. to inventory	No
and 2-methyl-2H-isothiazol-3-one (3:1)	ance with Regulation No 1272/2008/EC	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	substances in tattoo inks and permanent make-up	75

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

Seveso Directive

2012/18/EU (Seveso III)

No	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the application of lower and upper-tier requirements	Notes
	not assigned		

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

Water Framework Directive (WFD)

List of pollutants (WFD)

Name of substance	Name acc. to inventory	CAS No	Listed in	Remarks
2-octyl-2H-isothiazol-3-one	Substances and preparations, or the breakdown products of such, which have been proved to possess carcinogenic or mutagenic properties or properties which may affect steroidogenic, thyroid, reproduction or other endocrine-related functions in or via the aquatic environment		a)	
Bronopol	Organohalogen compounds and substances which may form such compounds in the aquatic environment		a)	
ammonia ... %	Substances which contribute to eutrophication (in particular, nitrates and phosphates)		a)	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Organohalogen compounds and substances which may form such compounds in the aquatic environment		a)	

Legend

a) Indicative list of the main pollutants

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013

None of the ingredients are listed.

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

National regulations (Netherlands)

SZW-lijst CMR effects

None of the ingredients are listed.

List of Substances of Very High Concern, Rijksinstituut voor Volksgezondheid en Milieu (RIVM)

List of Substances of Very High Concern (ZZS-lijst)				
Name acc. to inventory	**CAS No**	**Dust class for air emissions**	**Remarks**	**Emission limit value**
Distillates (petroleum), hydrotreated light naphthenic (Baseoil - unspecified)	64742-53-6		rem-153 rem-121	
Distillates (petroleum), solvent-dewaxed light paraffinic (Baseoil - unspecified)	64742-56-9		rem-153 rem-121	

Legend

rem-121 De stof hoeft volgens CLP niet als kankerverwekkend te worden ingedeeld als kan worden aangetoond dat zij minder dan 3 % Dmso-extract bevat, gemeten volgens IP 346 „Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, Londen. De stof kan dan echter toch een ZZS zijn. Andere componenten erin kunnen bijvoorbeeld schadelijk zijn voor de voortplanting of PBT (Persistent, Bioaccumulerend én Toxisch) zijn. Om te concluderen dat de stof geen ZZS is moet duidelijk zijn dat het geen van deze componenten bevat.

rem-153 De meeste aardolie- en steenkool derivaten zijn niet als ZZS opgenomen in bijlage III van het BAL. Alleen als deze producten minder dan 0,1 % aan ZZS componenten bevatten, kan stofklasse gO.2 worden aangehouden. Als er meer dan 0,1 % ZZS componenten aanwezig zijn, moet het product als ZZS worden beschouwd. Bij de aanwezigheid van vluchtige ZZS-componenten adviseren we de stofklasse MVP 2 te hanteren; bij de aanwezigheid van niet-vluchtige ZZS-componenten adviseren we de stofklasse MVP 1 te hanteren. Voor meer gedetailleerde criteria voor stoffen en mengsels met een ZZS-component zie: rvs.rivm.nl/stoffenlijsten/Zeer-Zorgwekkende-Stoffen/ZZS-in-mengels. Advies voor vergunningverlening voor mengsels en stoffen met ZZS-bestanddelen wordt gegeven op de website van het IPLO: https://iplo.nl/thema/zeer-zorgwekkende-stoffen-zzs/mengsels-zzs/

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2000/39/EC	Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	Hazardous to the aquatic environment - acute hazard
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor

Abbr.	Descriptions of used abbreviations
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
IOELV	Indicative occupational exposure limit value
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LEL	Lower explosion limit (LEL)
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
M-factor	Means a multiplying factor. It is applied to the concentration of a substance classified as hazardous to the aquatic environment acute category 1 or chronic category 1, and is used to derive by the summation method the classification of a mixture in which the substance is present
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
SC-SZW	Staatscourant: Regeling van de Minister van Sociale Zaken en Werkgelegenheid tot wijziging van de Arbeidsomstandighedenregeling
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
STOT SE	Specific target organ toxicity - single exposure
SVHC	Substance of Very High Concern
TWA	Time-weighted average
UEL	Upper explosion limit (UEL)
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.