

Safety Data Sheet

Skladno z Uredbo ES št. 1907/2006 (REACH), Člen 31, Priloga II, kot spremenjeno z Uredbo Komisije (EU) št. 2020/878

FUGA-WASH

Date of first edition: 16. 10. 2020

Safety Data Sheet dated 29/07/2026 version 7

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

1.1. Product identifier

Mixture identification:

Trade name: FUGA-WASH

Trade code: S100B0166 10

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

Recommended use: detergent

Uses advised against: Uporabe, ki niso priporočene

1.3. Details of the supplier of the safety data sheet

Company: KERAKOLL S.p.A.

Via dell'Artigianato, 9

41049 Sassuolo (MODENA) - ITALY

Tel. +39 0536 816511 Fax. +39 0536816581

safety@kerakoll.com

1.4. Emergency telephone number

112 v primeru zastrupitve v sil/ in case of emergency poisoning

SECTION 2: Hazards identification



2.1. Classification of the substance or mixture

Regulation (EC) n. 1272/2008 (CLP)

Eye Dam. 1 Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Regulation (EC) No 1272/2008 (CLP):

Hazard pictograms and Signal Word



Danger

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves and eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Special Provisions:

EUH208 Contains reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1). May produce an allergic reaction.

Contains

Alcohols, C10-16, ethoxylated

Regulation (EC) nr 648/2004 (Detergents).

Product contents:

neionske površinsko aktivne snovi < 5%

Dišave < 5%

Allergens:

Citral

Preservatives:

2-bromo-2-nitropropane-1,3-diol

Methylchloroisothiazolinone and methylisothiazolinone

Special provisions according to Annex XVII of REACH and subsequent amendments:

Nobena

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards: Vsebuje biocidni proizvod: C(M)IT/MIT (3:1)

; Bronopol; Označevanje proizvoda je v skladu z 58. členom Uredbe EU št. 528/2012 in kasnejšimi spremembami. Preprečiti je treba morebitno izpostavljenost kože. Potrebna je uporaba zaščitnih rokavic in delovnih oblačil. Preprečite izpust izdelka v okolje. Vode za pranje delovnih pripomočkov se ne sme zlivati po tleh ali v površinske vode

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Mixture identification: FUGA-WASH

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Numb.	Classification	Registration Number
≥ 3 -<5 %	Alcohols, C10-16, ethoxylated	CAS:68002-97-1 EC:500-182-6	Acute Tox. 4, H302; Eye Dam. 1, H318; Aquatic Chronic 3, H412	Exempted
<0.01 %	bronopol (INN); 2-bromo-2-nitropropan-1,3-diol	CAS:52-51-7 EC:200-143-0 Index:603-085-00-8	STOT SE 3, H335; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H312; Aquatic Chronic 1, H410; Acute Tox. 3, H301; Acute Tox. 3, H331, M-Chronic:10, M-Acute:100	
<0.0015 %	reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)	CAS:55965-84-9 Index:613-167-00-5	Acute Tox. 2, H330; Acute Tox. 2, H310; Acute Tox. 3, H301; Skin Corr. 1C, H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410, M-Chronic:100, M-Acute:100, EUH071 Specific Concentration Limits: C $\geq 0.6\%$: Skin Corr. 1C H314 0.06% $\leq$ C < 0.6%: Skin Irrit. 2 H315 C $\geq 0.6\%$: Eye Dam. 1 H318 0.06% $\leq$ C < 0.6%: Eye Irrit. 2 H319 C $\geq 0.0015\%$: Skin Sens. 1A H317	

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Eye irritation

Eye damages

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

Recommendation(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Community Occupational Exposure Limits (OEL)

citral

CAS: 5392-40-5	ACGIH	Long Term: 5 ppm (8h) Notes: IFV, Skin, DSEN, A4 - Body weight eff, URT irr, eye dam
	NATION Belgija AL	Long Term: 32 mg/m ³ - 5 ppm Notes: D Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION Irska AL	Long Term: 5 ppm Notes: IFV Source: 2021 Code of Practice
	NATION Poljska AL	Long Term: 27 mg/m ³ ; Short Term: 54 mg/m ³ Source: Dz.U. 2018 poz. 1286

(R)-p-mentha-1,8-diene

CAS: 5989-27-5	NATION Nemčija AL	Long Term: 28 mg/m ³ - 5 ppm Notes: DFG, H, Sh, Y, 4(II) Source: TRGS 900
	NATION Španija AL	Long Term: 168 mg/m ³ - 30 ppm Notes: Sen, vía dérmica Source: LEP 2022
	NATION Finska AL	Long Term: 140 mg/m ³ - 25 ppm; Short Term: 280 mg/m ³ - 50 ppm Source: HTP-ARVOT 2020
	NATION Norveška AL	Long Term: 140 mg/m ³ - 25 ppm Notes: A Source: FOR-2021-06-28-2248
	NATION Slovenija AL	Long Term: 28 mg/m ³ - 5 ppm; Short Term: 112 mg/m ³ - 20 ppm Notes: K, Y Source: UL št. 72, 11. 5. 2021
	SUVA Švicar	Long Term: 40 mg/m ³ - 7 ppm; Short Term: 80 mg/m ³ - 14 ppm Notes: S, SSC, Foie / Leber Source: suva.ch/valeurs-limites

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9	NATION Avstrija AL	Long Term: 0.05 mg/m ³ Notes: MAK, Sh Source: GKV, BGBl. II Nr. 156/2021
	NATION Nemčija AL	Long Term: 0.2 mg/m ³ ; Short Term: 0.4 mg/m ³ Notes: DFG; Long term and short term: inhalable fraction Source: TRGS900
	SUVA Švicar	Long Term: 0.2 mg/m ³ ; Short Term: 0.4 mg/m ³ Notes: TWA mg/m ³ : (i), S, SSC, VRS Peau Yeux / OAW Haut Auge Source: suva.ch/valeurs-limites

Predicted No Effect Concentration (PNEC) values

bronopol (INN); 2-bromo-2-nitropropan-1,3-diol

CAS: 52-51-7	Exposure Route: Fresh Water; PNEC Limit: 10 mg/m ³	
	Exposure Route: Intermittent releases (fresh water); PNEC Limit: 2.5 mg/m ³	
	Exposure Route: Marine water; PNEC Limit: 800 ng/L	
	Exposure Route: Mikroorganizmi v čiščenju odpadkov; PNEC Limit: 430 mg/m ³	
	Exposure Route: Freshwater sediments; PNEC Limit: 41 mg/m ³	
	Exposure Route: Usedline morske vode; PNEC Limit: 3.28 µg/kg	
	Exposure Route: Zemlja; PNEC Limit: 500 µg/kg	

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Exposure Route: Fresh Water; PNEC Limit: 3.39 mg/m³
Exposure Route: Intermittent releases (fresh water); PNEC Limit: 3.39 mg/m³
Exposure Route: Marine water; PNEC Limit: 3.39 mg/m³
Exposure Route: Intermittent releases (marine water); PNEC Limit: 3.39 mg/m³
Exposure Route: Mikroorganizmi v čiščenju odplak; PNEC Limit: 230 mg/m³
Exposure Route: Freshwater sediments; PNEC Limit: 27 mg/m³
Exposure Route: Usedline morske vode; PNEC Limit: 27 mg/m³
Exposure Route: Zemlja; PNEC Limit: 10 mg/m³

Derived No Effect Level (DNEL) values

bronopol (INN); 2-bromo-2-nitropropan-1,3-diol

CAS: 52-51-7 Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
Worker Professional: 4.1 mg/kg/day; Consumer: 1.2 mg/kg/day

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects
Worker Professional: 12.3 mg/kg/day

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects
Worker Professional: 4.2 mg/kg/day; Consumer: 1.3 mg/kg/day

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects
Worker Professional: 4.2 mg/kg/day; Consumer: 1.3 mg/kg/day

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
Worker Professional: 2.3 mg/kg; Consumer: 1.4 mg/kg

Exposure Route: Human Dermal; Exposure Frequency: Short Term, systemic effects
Worker Professional: 7 mg/kg

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
Consumer: 350 µg/kg

Exposure Route: Human Oral; Exposure Frequency: Short Term, systemic effects
Consumer: 1.1 mg/kg

Exposure Route: Human Dermal; Exposure Frequency: Long Term, local effects
Worker Professional: 0.013 mg/cm²; Consumer: 0.008 mg/cm²

Exposure Route: Human Dermal; Exposure Frequency: Short Term, local effects
Worker Professional: 0.013 mg/cm²; Consumer: 0.008 mg/cm²

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects
Worker Professional: 20 µg/m³; Consumer: 20 µg/m³

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects
Worker Professional: 40 µg/m³; Consumer: 20 µg/m³

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
Consumer: 90 µg/kg

Exposure Route: Human Oral; Exposure Frequency: Short Term, systemic effects
Consumer: 110 µg/kg

8.2. Exposure controls

Eye protection:

Očala s stransko zaščito.

Protection for skin:

Zaščitna obutev

Protection for hands:

Neopren, nitrilna guma.

Respiratory protection:

Podatki niso na voljo.

Thermal Hazards:

Ni predvideno, če se uporablja, kot je predvideno

Environmental exposure controls:

Ne dovolite, da izdelek pride v kanalizacijo ali v površinske ali podzemne vode.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	colourless
Odour:	characteristic
pH:	$\geq 7.00 \leq 8.00$ Method: OECD 122
Kinematic viscosity:	Not Relevant Notes: Ni določeno, ker ni potrebno za CLP-razvrstitev
Melting point/freezing point:	N.A.
Boiling point or initial boiling point and boiling range:	100 °C (212 °F)
Flash point:	> 60°C / 93°C
Lower and upper explosion limit:	Not Relevant Notes: Se ne uporablja, ker zmes ni vnetljiva
Relative vapour density:	Not Relevant Notes: Podatki niso znani
Vapour pressure:	23.00 (kPa 50°C). hPa
Density and/or relative density:	1.00 g/cm ³
Solubility in water:	Topno
Solubility in oil:	Not Relevant Notes: Ni določeno, ker ni potrebno za CLP-razvrstitev
Partition coefficient n-octanol/water (log value):	Not Relevant Notes: Ni uporabljivo za zmesi
Auto-ignition temperature:	Not Relevant Notes: Se ne uporablja, ker zmes ni vnetljiva
Decomposition temperature:	Not Relevant Notes: Ni uporabljivo, ker zmes ni samoreaktivna
Flammability:	Not Relevant Notes: Se ne uporablja, ker zmes ni vnetljiva
Volatile Organic compounds - VOCs =	0.03%; 0.33g/L
Particle characteristics:	
Particle size:	N.A.

9.2. Other information

No other relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Data not available.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

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

Toxicological Information of the Preparation

a) acute toxicity	Not classified Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified Based on available data, the classification criteria are not met
c) serious eye damage/irritation	The product is classified: Eye Dam. 1(H318)
d) respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

Alcohols, C10-16, ethoxylated

CAS: 68002-97-1 a) acute toxicity LD50 Oral Rat > 300 mg/kg

bronopol (INN); 2-bromo-2-nitropropan-1,3-diol

CAS: 52-51-7 a) acute toxicity LD50 Oral Rat = 305 mg/kg
LC50 Inhalation of aerosol Rat >= 0.59 mg/l 4h
LD50 Skin Rat > 2000 mg/kg 24h
b) skin corrosion/irritation Skin Irritant Rabbit Positive 4h
c) serious eye damage/irritation Eye Irritant Rabbit Yes
d) respiratory or skin sensitisation Skin Sensitization Guinea pig Negative
f) carcinogenicity Genotoxicity Negative
Carcinogenicity Oral Rat Negative
g) reproductive toxicity No Observed Adverse Effect Level Oral Rat 200

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 a) acute toxicity LD50 Oral Rat = 69 mg/kg
LD50 Skin Rabbit = 141 mg/kg
LC50 Inhalation Rat = 0.33 mg/l 4h
b) skin corrosion/irritation Skin Irritant Rabbit Positive
c) serious eye damage/irritation Eye Corrosive Rabbit Positive
d) respiratory or skin sensitisation Skin Sensitization Positive
f) carcinogenicity Genotoxicity Negative
Carcinogenicity Skin Negative
g) reproductive toxicity No Observed Adverse Effect Level Oral Rat = 22.7 mg/kg

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration >= 0.1%

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

No data available for the product

List of Eco-Toxicological properties of the components

Alcohols, C10-16, ethoxylated

CAS: 68002-97-1 b) Aquatic chronic toxicity: NOEC Fish Carassius auratus > 0.1 mg/L

b) Aquatic chronic toxicity: NOEC Daphnia > 0.1 mg/L

b) Aquatic chronic toxicity: NOEC Algae > 0.1 mg/L

bronopol (INN); 2-bromo-2-nitropropan-1,3-diol

CAS: 52-51-7 a) Aquatic acute toxicity: LC50 Fish Lepomis macrochirus = 37.5 mg/L 96h

b) Aquatic chronic toxicity: NOEC Fish Oncorhynchus mykiss = 21.5 mg/L

a) Aquatic acute toxicity: EC50 Daphnia Daphnia magna = 1.4 mg/L 48h

b) Aquatic chronic toxicity: NOEC Daphnia Daphnia magna = 0.27 mg/L

a) Aquatic acute toxicity: NOEC Algae Skeletonema costatum = 0.08 mg/L 72h

a) Aquatic acute toxicity: EC20 Sludge activated sludge = 2 mg/L

d) Terrestrial toxicity: LC50 Worm Eisenia foetida > 500 mg/kg

d) Terrestrial toxicity: EC50 soil microorganisms = 679 mg/kg

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 a) Aquatic acute toxicity: LC50 Fish Oncorhynchus mykiss = 0.19 mg/L 96h

b) Aquatic chronic toxicity: NOEC Fish Danio rerio = 0.02 mg/L

a) Aquatic acute toxicity: LC50 Daphnia Daphnia magna = 0.16 mg/L 48h

b) Aquatic chronic toxicity: NOEC Daphnia Daphnia magna = 0.1 mg/L

a) Aquatic acute toxicity: EC50 Algae Skeletonema costatum = 0 mg/L 96h

a) Aquatic acute toxicity: EC50 Sludge activated sludge = 4.5 mg/L 3h

d) Terrestrial toxicity: LC50 Worm Eisenia fetida = 613 mg/kg

e) Plant toxicity: NOEC Trifolium pratense, Oryza sativa, Brassica napus = 1000 mg/L

12.2. Persistence and degradability

Alcohols, C10-16, ethoxylated

CAS: 68002-97-1 Readily biodegradable Duration: 28d; Value: 60

bronopol (INN); 2-bromo-2-nitropropan-1,3-diol

CAS: 52-51-7 Readily biodegradable Notes: OECD guideline 301B

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Non-readily biodegradable

Tenzid (i), ki je (so) prisoten (prisotni) v tem pripravku, izpolnjuje (jo) vse pravne predpise za biološko razgradnjo, kot je v Uredbi (EG) št. 648/2004 za detergente določeno. Predloge, ki se nanašajo na to potrdilo, bodo odgovornim oblastem držav članic zagotovljene – na razpolago bodo na direktno zahtevo ali na zahtevo proizvajalca detergentov.

12.3. Bioaccumulative potential

bronopol (INN); 2-bromo-2-nitropropan-1,3-diol

CAS: 52-51-7 Bioaccumulative Test: BCF - Bioconcentration factor

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Bioaccumulative Test: BCF - Bioconcentration factor; Value: 54
Notes: ≤ 54

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

Ni sestavine PBT/vPvB.

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration ≥ 0.1%

12.7. Other adverse effects

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Če je mogoče, predelajte. Pošljite v usposobljena odlagališča ali v zažig pod kontroliranimi pogoji. Ravnajte se po lokalnih in državnih normah. Odstranjevanje z izpustom v odpadne vode ni dovoljeno

Odstranjeni izdelek mora biti v skladu z Uredbo (EU) 1357/2014 razvrščen kot nevaren odpadek

Šifre odpadkov v skladu z Evropski seznam odpadkov (ESO) ni mogoče določiti zaradi odvisnosti od uporabe. Obrnite se na pooblaščen službo za odstranjevanje odpadkov.

Properties of waste which render it hazardous (Annex III, Directive 2008/98/EC):

N.A.

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number or ID number

N/A

14.2. UN proper shipping name

ADR-Shipping Name: N/A

IATA-Shipping Name: N/A

IMDG-Shipping Name: N/A

14.3. Transport hazard class(es)

ADR-Class: N/A

IATA-Class: N/A

IMDG-Class: N/A

14.4. Packing group

ADR-Packing Group: N/A

IATA-Packing group: N/A

IMDG-Packing group: N/A

14.5. Environmental hazards

Marine pollutant: No

Environmental Pollutant: No

IMDG-EMS: N/A

14.6. Special precautions for user

Road and Rail (ADR-RID):

ADR-Label: N/A

ADR - Hazard identification number: N/A

ADR-Special Provisions: N/A

ADR-Transport category (Tunnel restriction code): N/A

ADR Limited Quantities: N/A

ADR Excepted Quantities: N/A

Air (IATA):

IATA-Passenger Aircraft: N/A

IATA-Cargo Aircraft: N/A

IATA-Label: N/A

IATA-Subsidiary hazards: N/A

IATA-Erg: N/A

IATA-Special Provisions: N/A

Sea (IMDG):

IMDG-Stowage and handling: N/A

IMDG-Segregation: N/A

IMDG-Subsidiary hazards: N/A

IMDG-Special Provisions: N/A

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EU) n. 2020/878

Regulation (EC) n. 1272/2008 (CLP)
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Regulation (EU) n. 2023/1434 (ATP 19 CLP)
Regulation (EU) n. 2024/197 (ATP 21 CLP)
Regulation (EU) n. 2024/2865
Regulation (EC) nr 648/2004 (Detergents).
Omejitve, povezane z izdelkom ali vsebovanimi snovmi, v skladu s Prilogo XVII Uredbe (ES) 1907/2006 (REACH) in poznejše spremembe:
Restrictions related to the product: 3
Restrictions related to the substances contained: 40, 75

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2023/707
Regulation (EU) n. 2023/1435 (ATP 20 CLP)
Regulation (EU) n. 2024/2564 (ATP 22 CLP)
Regulation (EU) n. 2025/1222 (ATP 23 CLP)

Provisions related to directive EU 2012/18 (Seveso III):

None

Explosives precursors – Regulation 2019/1148

No substances listed

Regulation (EU) No 649/2012 (PIC regulation)

No substances listed

German Water Hazard Class.
NWG: Not hazardous for water

German Lagerklasse according to TRGS 510:
LGK 10

SVHC Substances:
No SVHC substances present in concentration >= 0.1%

UREDBA (EU) No 528/2012:
Označevanje proizvoda je v skladu z 58. členom Uredbe EU št. 528/2012 in kasnejšimi spremembami.
snovi, vključene v Uredba (EU) n. 528/2012 (o dostopnosti na trgu in uporabi biocidnih proizvodov): Nomenclature IUPAC: Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (Mixture of CMIT/MIT)
Nomenclature BPR: C(M)IT/MIT (3:1)
CAS number: 55965-84-9
Product-type 6: Preservatives for products during storage
Assessment status: Approved
IZVEDBENA UREDBA KOMISIJE (EU) 2016/131 ; Nomenclature IUPAC: Bronopol
Nomenclature BPR: Bronopol
CAS number: 52-51-7
Product-type 6: Preservatives for products during storage
Assessment status: Initial application for approval in progress.

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Code	Description
EUH071	Corrosive to the respiratory tract.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal 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.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
3.1/2/Dermal	Acute Tox. 2	Acute toxicity (dermal), Category 2
3.1/2/Inhal	Acute Tox. 2	Acute toxicity (inhalation), Category 2
3.1/3/Oral	Acute Tox. 3	Acute toxicity (oral), Category 3
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.2/1C	Skin Corr. 1C	Skin corrosion, Category 1C
3.2/2	Skin Irrit. 2	Skin irritation, Category 2
3.3/1	Eye Dam. 1	Serious eye damage, Category 1
3.3/2	Eye Irrit. 2	Eye irritation, Category 2
3.4.2/1A	Skin Sens. 1A	Skin Sensitisation, Category 1A
4.1/A1	Aquatic Acute 1	Acute aquatic hazard, category 1
4.1/C1	Aquatic Chronic 1	Chronic (long term) aquatic hazard, category 1
4.1/C3	Aquatic Chronic 3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008 Classification procedure

Eye Dam. 1, H318 Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center

CE: European Community

CLP: Classification, Labeling, Packaging.

CMR: Carcinogenic, Mutagenic and Reprotoxic

COD: Chemical Oxygen Demand

COV: Volatile Organic Compound

CSA: Chemical Safety Assessment

CSR: Chemical Safety Report

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level.

DPD: Dangerous Preparations Directive

DSD: Dangerous Substances Directive

EC50: Half Maximal Effective Concentration

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Chemical Substances.

ES: Exposure Scenario

GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
IC50: half maximal inhibitory concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: Keep Away From Heat
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.

Paragraphs modified from the previous revision:

- Safety Data Sheet
- SECTION 1: Identification of the substance/mixture and of the company/undertaking
- SECTION 2: Hazards identification
- SECTION 3: Composition/information on ingredients
- SECTION 8: Exposure controls/personal protection
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- SECTION 15: Regulatory information
- SECTION 16: Other information