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

1.1 Product identifier

Buffing Compound

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

1.2.1 Relevant uses

Abrasive

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

WAXOYL AG
Seewenweg 5
4153 Reinach / SWITZERLAND
Phone +41-61-28177 94
Fax +41-61-28177 85
Homepage www.waxoyl.com
E-mail info@waxoyl.ch

Address enquiries to

Technical information info@waxoyl.ch

Safety Data Sheet sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Eye Irrit. 2: H319 Causes serious eye irritation.

2.2 Label elements

Hazard pictograms



Signal word WARNING

Hazard statements H319 Causes serious eye irritation.

Precautionary statements P280 Wear eye protection / face 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.
P337+P313 If eye irritation persists: Get medical advice / attention.

Special labelling EUH066 Repeated exposure may cause skin dryness or cracking.

Contains: 1,2-benzisothiazol-3(2H)-one. EUH208 May produce an allergic reaction.

2.3 Other hazards

Human health dangers If swallowed or in the event of vomiting, risk of product entering the lungs.
Frequent persistent contact with the skin can cause skin irritation.
Contains no ingredients with endocrine-disrupting properties.

Environmental hazards Does not contain any PBT or vPvB substances.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
10 - 25	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
	EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX
	GHS/CLP: Asp. Tox. 1: H304 - EUH066
2.5 - 10	Alcohols, C16-18, ethoxylated (>= 2,5 mol EO)
	CAS: 68439-49-6, EINECS/ELINCS: Polymer
	GHS/CLP: Aquatic Acute 1: H400 - Aquatic Chronic 3: H412
2.5 - 10	Distillates (petroleum), solvent-refined light paraffinic
	CAS: 64741-89-5, EINECS/ELINCS: 265-091-3, EU-INDEX: 649-455-00-2, Reg-No.: 01-2119487067-30-XXXX
	GHS/CLP: Asp. Tox. 1: H304
1 - 2.5	Alcohols, C16-18, ethoxylated (>= 2,5 mol EO)
	CAS: 68439-49-6, EINECS/ELINCS: Polymer
	GHS/CLP: Acute Tox. 4: H302 - Eye Dam. 1: H318
< 0.25	2-Bromo-2-nitropropane-1,3-diol
	CAS: 52-51-7, EINECS/ELINCS: 200-143-0, EU-INDEX: 603-085-00-8
	GHS/CLP: Acute Tox. 4: H312 - Acute Tox. 4: H302 - STOT SE 3: H335 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M-Factor (acute): 10, M-Factor (chronic): 1
< 0.05	1,2-benzisothiazol-3(2H)-one
	CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6, Reg-No.: 01-2120761540-60-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 2: H330 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M-Factor (acute): 1
	SCL [%]: 0.05: Skin Sens. 1: H317

Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Take off contaminated clothing and wash before reuse.

Inhalation Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion Seek medical advice immediately.
Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in the event of vomiting, risk of product entering the lungs.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide.
Water spray jet.
Dry powder.
Foam.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.
Ensure adequate ventilation.
Use personal protective clothing.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
The normal safety precautions for handling chemicals must be observed.

After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.

Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.

Keep container tightly closed.
Keep container in a well-ventilated place.
Storage: 5°C - 30°C

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX
Long-term exposure: 184 ppm, 1200 mg/m³, ExxonMobil
Glycerol
CAS: 56-81-5, EINECS/ELINCS: 200-289-5
Long-term exposure: 10 mg/m³
Aluminium oxide
CAS: 1344-28-1, EINECS/ELINCS: 215-691-6, Reg-No.: 01-2119529248-35-0036
Long-term exposure: 10 mg/m³, inhalable dust (respirable dust: 4 mg/m³)

DNEL

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
There are no DNEL values established for the substance.
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
Industrial, dermal, Long-term - systemic effects, 0.97 mg/kg bw/day
Industrial, inhalative, Long-term - local effects, 5.58 mg/m³
Industrial, inhalative, Long-term - systemic effects, 2.73 mg/m³
general population, oral, Long-term - systemic effects, 0.74 mg/kg bw/day
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Industrial, dermal, Long-term - systemic effects, 0.966 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 6.81 mg/m³
general population, dermal, Long-term - systemic effects, 0.345 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 1.2 mg/m³

PNEC

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
There are no PNEC values established for the substance.
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
oral (food), 9.33 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
soil, 3 mg/kg soil dw
sediment (seawater), 4.99 µg/kg sediment dw
sediment (freshwater), 49.9 µg/kg sediment dw
sewage treatment plants (STP), 1.03 mg/L
seawater, 0.403 µg/L
freshwater, 4.03 µg/L

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	0.4mm Butyl rubber, >120 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	Not required under normal conditions.
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	viscous
Color	white
Odor	characteristic
Odour threshold	not required
pH-value	7 - 10
pH-value [1%]	not determined
Boiling point [°C]	> 100
Flash point [°C]	> 100
Flammability	not applicable
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	2.3 (20°C)
Density [g/cm³]	1.4 (20 °C / 68,0 °F)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	partially miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	> 20.5 mm²/s (40°C)
Relative vapour density	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Auto-ignition temperature [°C]	not applicable
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Oxidizing agent

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute oral toxicity

Product
ATE-mix, oral, > 5000 mg/kg

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, oral, Rat, 5000 - 15000 mg/kg bw
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
LD50, oral, Rat, > 5000 mg/kg (OECD 401)
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
LD50, oral, Rat, > 300 - 2000 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE, oral, 500 mg/kg
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
LD50, oral, Rat, > 2000 - 5000 mg/kg
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
LD50, oral, Rat, 254 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, > 5000 mg/kg

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, dermal, Rabbit, 3160 - 5000 mg/kg bw
LD50, dermal, Rat, >2000 mg/kg bw
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
LD50, dermal, Rabbit, > 5000 mg/kg (OECD 402)
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
LD50, dermal, Rabbit, > 2000 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat, > 2000 mg/kg
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
LD50, dermal, Rabbit, > 2000 mg/kg
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
LD50, dermal, Rat, > 2000 mg/kg (OECD 402)

Acute inhalational toxicity

Product
ATE-mix, inhalation (vapour), > 20 mg/l 4h

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LC50, inhalative, Rat, 4.951 - 9.3 mg/L air, 4h
LC50, inhalative, Rat, 41 - 4467 ppm, 8h

LC50, inhalative, Rat, 5 mg/L air, 8h
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
LC50, inhalativ (mist), Rat, > 4.026 mg/L (OECD 403)
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE-mix, inhalative, 0.5 mg/l 4h
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
LC50, inhalative, Rat, > 0.588 mg/l (Aerosol. 4h)

Serious eye damage/irritation

Irritant
Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
Calculation method

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Eye, non-irritating
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
Eye, non-irritating
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
Eye, Causes serious eye damage.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Eye, Causes serious eye damage.

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
dermal, non-irritating
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
dermal, non-irritating
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
dermal, non-irritating
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, irritant

Respiratory or skin sensitisation

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
dermal, non-sensitizing
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
dermal, non-sensitizing
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, sensitising
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
Guinea pig, OECD 406, non-sensitizing

Specific target organ toxicity — single exposure

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Specific target organ toxicity — repeated exposure

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

Toxicological data of complete product are not available.

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
NOAEL, oral, Rat, 500 mg/kg bw/day, no adverse effect observed, Oral; systemic; subchronic,
NOAEC, inhalative, Rat, 6000 mg/m³, no adverse effect observed, Inhalation; systemic; subchronic,
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
LOAEL, dermal, mouse, 100 mg/kg bw/day (chronic), The effects observed are not sufficient for classification.
LOAEL, oral, Rat, 125 mg/kg bw/day (subchronic), The effects observed are not sufficient for classification.
LOAEC, inhalative, Rat, 980 mg/m³ (subacute), no adverse effect observed
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
NOAEL, oral, Rat, 69 mg/kg bw/day (subchronic), The effects observed are not sufficient for classification.

Mutagenicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
in vivo, negativ
in vitro, negativ
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
in vitro, negativ
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
in vivo, negativ
in vitro, negativ

Reproduction toxicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

- Fertility

Substance
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
NOAEL, oral, Rat, 1000 mg/kg bw/day (subchronic), no adverse effect observed
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
NOAEL, oral, Rat, 112 mg/kg bw/day (subchronic), adverse effect observed, Effect on fertility,
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
NOAEL, oral, Rat, 150 mg/kg bw/d (Effect on fertility), no adverse effect observed

- Development

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
NOAEC, inhalative, Rat, 5220 mg/m³, no adverse effect observed
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
NOAEL, oral, Rat, 112 mg/kg bw/day (subchronic), adverse effect observed, Effect on fertility,
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
NOAEL, oral, in vivo, 10 mg/kg bw/d (Effect on developmental toxicity), no adverse effect observed

Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Aspiration hazard

Based on the available information, the classification criteria are not fulfilled.

General remarks

none

11.2 Information on other hazards

Endocrine disrupting properties Contains no ingredients with endocrine-disrupting properties.

Other information

SECTION 12: Ecological information

12.1 Toxicity

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LC50, (96h), Invertebrates, 2 - 4 µg/L
EC50, (48h), Invertebrates, 2 - 4 µg/L
EL50, (72h), Algae, 100 - 1000 mg/L
NOEC, (28d), Activated sludge, 75.8 - 371 mg/kg sediment dw
NOELR, (28d), fish, 101 µg/L
NOELR, (21d), Invertebrates, 176 - 10200 µg/L
NOELR, (72h), Algae, 100 - 1000 mg/L
LL50, (72h), fish, 10 - 1000 mg/L
LL50, (48h), fish, 10 - 1000 mg/L
LL50, (24h), fish, 10 - 1000 mg/L
LL50, (72h), Invertebrates, 1 g/L
LL50, (48h), Invertebrates, 1 - 10 g/L
LL50, (96h), fish, 10 - 803000 mg/L
LL50, (3h), fish, 100 mg/L
LL50, (96h), Invertebrates, 1 g/L
EC10, (3h), Microorganisms, 1 g/L
LOEC, (28d), Activated sludge, 371 mg/kg sediment dw
EL10, (60d), fish, 650 µg/L
Distillates (petroleum), solvent-refined light paraffinic, CAS: 64741-89-5
EL50, Daphnia magna, > 10000 mg/L (OECD 202)
NOEC, Daphnia magna, 10 mg/L (OECD 211)
NOEC, Daphnia magna, > 1000 mg/L (OECD 202)
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
LC50, (96h), Brachidanio rerio, > 1 - 10 mg/L
EC10, (48h), Daphnia magna, > 1 - 10 mg/L
EC10, (72h), Algae, 9.5 mg/L
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Oncorhynchus mykiss, 2.2 mg/L
EC50, (72h), Selenastrum capricornutum, 0.11 mg/L
EC50, (48h), Daphnia magna, 0.643 mg/L
NOEC, (28d), Oncorhynchus mykiss, 0.21 mg/L
Alcohols, C16-18, ethoxylated (>= 2,5 mol EO), CAS: 68439-49-6
LC50, (96h), fish, > 1 - 10 mg/l
EC50, Activated sludge, 140 mg/l
EC50, (72h), Algae, > 0.1 - 1 mg/l
2-Bromo-2-nitropropane-1,3-diol, CAS: 52-51-7
LC50, (96h), Rainbow trout, 3.0 mg/L (OECD 203)
EC50, (3h), Activated sludge, 43 mg/L (OECD 209)
EC50, (72h), Bacteria, 0.068 mg/L (Anabaena flos-aqua_ OECD 201)
EC50, (48h), Daphnia sp., 1.04 mg/L (OECD 202)
NOEC, (21d), Daphnia sp., 0.06 mg/L (OECD 211)
NOEC, (28d), Rainbow trout, 2.61 mg/L (OECD 210)
NOEC, (72h), Rainbow trout, 0.0025 mg/L (Anabaena flos-aqua_OECD 201)

EC20, (3h), Activated sludge, 2 mg/L (OECD 209)

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

	Disposal in an incineration plant in accordance with the regulations of the local authorities.
Waste no. (recommended)	120120*

Contaminated packaging

	Packaging that cannot be cleaned should be disposed of as for product. Uncontaminated packaging may be taken for recycling.
Waste no. (recommended)	150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.4 Packing group

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID	no
Inland navigation (ADN)	no
Marine transport in accordance with IMDG	no
Air transport in accordance with IATA	no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	12,3 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H412 Harmful to aquatic life with long lasting effects.

H410 Very toxic to aquatic life with long lasting effects.
H335 May cause respiratory irritation.
H312 Harmful in contact with skin.
H411 Toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H317 May cause an allergic skin reaction.
H315 Causes skin irritation.
H330 Fatal if inhaled.
H318 Causes serious eye damage.
H302 Harmful if swallowed.
EUH066 Repeated exposure may cause skin dryness or cracking.
H304 May be fatal if swallowed and enters airways.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform ChemicaL Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Eye Irrit. 2: H319 Causes serious eye irritation. ()

Modified position

SECTION 3 been added: 2-Bromo-2-nitropropane-1,3-diol

SECTION 3 been added: 1,2-benzisothiazol-3(2H)-one

SECTION 2 been added: EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.

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