

Safety Data Sheet

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



Trade name : Hydrapid-1K-AC-Grund 5404 (SORTE 5404)
Revision date : 07.10.2020
Print date : 07.10.2020

Version (Revision) : 9.0.0 (8.0.1)

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

1.1 Product identifier

Hydrapid-1K-AC-Grund 5404 (SORTE 5404)

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

Waterborne coating. Intended purpose see technical data sheet.

Relevant identified uses

Products Category [PC]

Coatings and paints, thinners, paint removers

Remark

The product is intended for professional use.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Brillux GmbH & Co. KG, Industrielack
www.brillux-industrielack.de

Street : Otto-Hahn-Straße 14

Postal code/city : D-59423 Unna

Telephone : +49 2303 8805-0

Telefax : +49 2303 8805-119

Information contact : E-mail address of the competent person for safety data sheets: sdb@brillux-industrielack.de

1.4 Emergency telephone number

Giftinformationszentrum-Nord (poisons centre), consultation in german and english
Telephone: +49 551 19 24 0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Aquatic Chronic 2 ; H411 - Hazardous to the aquatic environment : Chronic 2 ; Toxic to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard pictograms



Environment (GHS09)

Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P391 Collect spillage.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains 2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; 1,2-BENZISOTHIAZOL-3(2H)-ONE ; REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1).May produce an allergic reaction.

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2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

TRIZINC BIS(ORTHOPHOSPHATE) ; REACH No. : 01-2119485044-40 ; EC No. : 231-944-3; CAS No. : 7779-90-0

Weight fraction : $\geq 5 - < 10$ %

Classification 1272/2008 [CLP] : Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

2-(2-BUTOXYETHOXY)ETHANOL ; REACH No. : 01-2119475104-44 ; EC No. : 203-961-6; CAS No. : 112-34-5

Weight fraction : $\geq 1 - < 5$ %

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

ZINC OXIDE ; REACH No. : 01-2119463881-32 ; EC No. : 215-222-5; CAS No. : 1314-13-2

Weight fraction : $\geq 1 - < 2,5$ %

Classification 1272/2008 [CLP] : Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

MOLYBDENUM TRIOXIDE ; EC No. : 215-204-7; CAS No. : 1313-27-5

Weight fraction : $< 0,5$ %

Classification 1272/2008 [CLP] : Carc. 2 ; H351 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; REACH No. : 01-2119954390-39 ; EC No. : 204-809-1; CAS No. : 126-86-3

Weight fraction : $\geq 0,1 - < 0,5$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Sens. 1 ; H317 Aquatic Chronic 3 ; H412

1,2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9; CAS No. : 2634-33-5

Weight fraction : $\geq 0,005 - < 0,05$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400

Specific Conc. Limits : Skin Sens. 1 ; H317: C $\geq 0,05$ %

REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9

Weight fraction : $\geq 0,00015 - < 0,0015$ %

Classification 1272/2008 [CLP] : Acute Tox. 2 ; H310 Acute Tox. 2 ; H330 Acute Tox. 3 ; H301 Skin Corr. 1C ; H314 Eye Dam. 1 ; H318 Skin Sens. 1A ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Specific Conc. Limits : Eye Dam. 1 ; H318: C $\geq 0,6$ % • Skin Corr. 1C ; H314: C $\geq 0,6$ % • Eye Irrit. 2 ; H319: C $\geq 0,06$ % • Skin Irrit. 2 ; H315: C $\geq 0,06$ % • Skin Sens. 1A ; H317: C $\geq 0,0015$ % • (M=100)

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Wash immediately with: Water and soap Do not wash with: Solvents/Thinner

After eye contact

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

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ophthalmologist immediately. Protect uninjured eye.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. No direct artificial respiration to be given by first aider.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder, alcohol resistant foam, carbon dioxide (CO₂), water spray.

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂) and pyrolysis products, toxic.

5.3 Advice for firefighters

Special protective equipment for firefighters

Use suitable breathing apparatus.

5.4 Additional information

Burning produces heavy smoke. Use water spray jet to protect personnel and to cool endangered containers. Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. See protective measures under point 7 and 8.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

For cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean with detergents. Avoid solvent cleaners.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Avoid: Inhalation of vapours or spray/mists Only use the material in places where open light, fire and other flammable sources can be kept away. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means. Never use pressure to empty container. Only allow access to authorised staff.

Measures to prevent fire

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Keep away from sources of ignition - No smoking. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Advices on general occupational hygiene

Wear personal protection equipment (refer to section 8). When using do not eat, drink, smoke, sniff. Always close containers tightly after the removal of product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Floors should be impervious, resistant to liquids and easy to clean. Keep container tightly closed.

Hints on joint storage

Storage class (TRGS 510) : 12

Do not store together with

Strong acid, strong alkali, oxidising agent, food and feedingstuffs.

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

Protect against : Heat, frost and humidity.

7.3 Specific end use(s)

Waterborne coating. Intended purpose see technical data sheet.

Industrial sector specific solutions

Note DGVV-Rule 100-500, section 2.29 (processing coating materials). Note DGVV-Rule 109-013.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 10 ppm / 67 mg/m³

Peak limitation : 1,5(I)

Remark : Y

Version : 29.03.2019

Limit value type (country of origin) : STEL (EC)

Limit value : 15 ppm / 101,2 mg/m³

Version : 20.06.2019

Limit value type (country of origin) : TWA (EC)

Limit value : 10 ppm / 67,5 mg/m³

Version : 20.06.2019

DNEL-/PNEC-values

DNEL/DMEL

TRIZINC BIS(ORTHOPHOSPHATE) ; CAS No. : 7779-90-0

Limit value type : DNEL/DMEL (Industrial)

Exposure route : Inhalation

Exposure frequency : Long-term

Limit value : 5 mg/m³

Limit value type : DNEL/DMEL (Industrial)

Exposure route : Dermal

Exposure frequency : Long-term

Limit value : 83 mg/kg

2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5

Limit value type : DNEL/DMEL (Industrial)

Exposure route : Inhalation

Exposure frequency : Short-term

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Limit value : 15 ppm
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 20 mg/kg
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 10 ppm
ZINC OXIDE ; CAS No. : 1314-13-2
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 5 mg/m³
Limit value type : DNEL/DMEL (Industrial)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 83 mg/kg

PNEC

TRIZINC BIS(ORTHOPHOSPHATE) ; CAS No. : 7779-90-0
Limit value type : PNEC (Industrial)
Exposure route : Water (Including sewage plant)
Limit value : 20,6 µg/l
Limit value type : PNEC (Industrial)
Exposure route : Soil
Limit value : 35,6 mg/kg
2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5
Limit value type : PNEC (Industrial)
Exposure route : Water (Including sewage plant)
Limit value : 1 mg/l
Limit value type : PNEC (Industrial)
Exposure route : Soil
Limit value : 0,4 mg/kg
ZINC OXIDE ; CAS No. : 1314-13-2
Limit value type : PNEC (Industrial)
Exposure route : Water (Including sewage plant)
Limit value : 20,6 µg/l
Limit value type : PNEC (Industrial)
Exposure route : Soil
Limit value : 35,6 mg/kg

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

goggles (EN 166)

Remark

Note DGUV-Rule 112-192.

Skin protection

Hand protection

Use safety gloves according to EN 374. Suitable glove materials: fluoro-rubber, butyl-rubber or nitrile-rubber. Please pay attention to the glove penetration times of the substances named below in section 2, according to the glove manufactures.

Remark : After washing hands replace lost skin fat by fat containing skin creams. Note DGUV-Rule 112-195. Note TRGS 401.

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Body protection

Required properties : Antistatic, non-melting.

Recommended material : Natural fibres (e.g. cotton), heat-resistant synthetic fibres.

Remark : Note DGUV-Rule 112-189. Note TRGS 401.

Respiratory protection

Respiratory protection necessary at: Insufficient ventilation, insufficient exhaust or spray application.

Suitable respiratory protection apparatus

Combination filter mask A2-P2 for short-term work.

European Committee for Standardization (CEN) standards EN 136, 140 and 405 provide respirator masks and EN 149 and 143 provide filter recommendations.

Remark

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Note TRGS 402.

Other protection measures

Technical measures and the application of suitable work processes have priority over personal protection equipment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid

Colour : According to product identification.

Odour

product specific, characteristic.

Safety characteristics

Melting point/freezing point :			not applicable	
Initial boiling point and boiling range :	(1013 hPa)	>	100	°C
Decomposition temperature :			No data available	
Flash point :			not applicable	
Auto-ignition temperature :			No data available	
Lower explosion limit :		approx.	1,1	Vol-%
Upper explosion limit :		approx.	10,6	Vol-%
Vapour pressure :	(50 °C)	approx.	123	hPa
Density :	(20 °C)		1 - 1,6	g/cm ³
Solvent separation test :	(20 °C)		not applicable	
Water solubility :	(20 °C)		consolute miscible	
pH :			8 - 8,5	
log P O/W :			No data available	
Flow time :	(20 °C)	>	60	s
Cinematic viscosity :	(40 °C)	>	20,5	mm ² /s
Solid content :			60 - 70	Wt %
Odour threshold :			not relevant	
Relative vapour density :	(20 °C)		No data available	
Vapourisation rate :			No data available	
Maximum VOC content (EC) :			4	Wt %
Oxidising liquids :	Not oxidising.			

9.2 Other information

The physical specifications are approximate values and refer to the used safety relevant component(s).

SECTION 10: Stability and reactivity

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10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Exothermic reaction with: Alkali (lye), concentrated. Acid, concentrated. Oxidizing agent.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Parameter :	ATEmix calculated
Exposure route :	Oral
Effective dose :	not relevant
Parameter :	LD50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 2000 mg/kg
Parameter :	LD50 (ZINC OXIDE ; CAS No. : 1314-13-2)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg
Parameter :	LD50 (2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; CAS No. : 126-86-3)
Exposure route :	Oral
Species :	Rat
Effective dose :	6300 mg/kg
Parameter :	LC50 (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Exposure route :	Oral
Species :	Rat
Effective dose :	2200 mg/kg

Acute dermal toxicity

Parameter :	ATEmix calculated
Exposure route :	Dermal
Effective dose :	not relevant
Parameter :	LD50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg
Parameter :	LD50 (ZINC OXIDE ; CAS No. : 1314-13-2)
Exposure route :	Dermal
Species :	Rat
Effective dose :	> 2000 mg/kg
Parameter :	LD50 (2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; CAS No. : 126-86-3)
Exposure route :	Dermal

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Species : Rabbit
Effective dose : 1000 mg/kg

Acute inhalation toxicity

Parameter : ATEmix calculated
Exposure route : Inhalation (vapour)
Effective dose : not relevant
Parameter : LC50 (ZINC OXIDE ; CAS No. : 1314-13-2)
Exposure route : Inhalation
Species : Rat
Effective dose : 5,7 mg/l
Parameter : LC50 (2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; CAS No. : 126-86-3)
Exposure route : Inhalation
Species : Rabbit
Effective dose : 10 mg/l
Parameter : LC50 (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Exposure route : Inhalation
Species : Rat
Effective dose : 5,7 mg/l
Exposure time : 4 h

Corrosion

Irritation to respiratory tract

May cause respiratory irritation.

Practical experience/human evidence

The inhalation of dust/mist or aerosols causes irritation of the respiratory tract.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

In case of skin contact

Frequently or prolonged contact with skin may cause dermal irritation.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (TRIZINC BIS(ORTHOPHOSPHATE) ; CAS No. : 7779-90-0)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 0,3 - 5,6 mg/l
Exposure time : 96 h
Parameter : LC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Species : Leuciscus idus (golden orfe)
Effective dose : > 100 mg/l
Parameter : LC50 (ZINC OXIDE ; CAS No. : 1314-13-2)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 0,14 mg/l
Exposure time : 96 h
Parameter : LC50 (2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; CAS No. : 126-86-3)
Species : Cyprinus carpio (Common Carp)
Effective dose : 42 mg/l
Exposure time : 24 h
Parameter : LC50 (2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; CAS No. : 126-86-3)
Species : Pimephales promelas (fathead minnow)
Effective dose : 36 mg/l
Exposure time : 96 h
Parameter : EC50 (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-

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Species : METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Oncorhynchus mykiss (Rainbow trout)
Effective dose : 0,22 mg/l
Exposure time : 96 h

Chronic (long-term) fish toxicity

Parameter : NOEC (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : 0,098 mg/l
Exposure time : 28 D

Acute (short-term) toxicity to crustacea

Parameter : EC50 (TRIZINC BIS(ORTHOPHOSPHATE) ; CAS No. : 7779-90-0)
Species : Daphnia
Effective dose : 0,9 mg/l
Exposure time : 48 h

Parameter : EC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Species : Daphnia magna (Big water flea)
Effective dose : > 100 mg/l
Exposure time : 48 h

Parameter : EC50 (ZINC OXIDE ; CAS No. : 1314-13-2)
Species : Daphnia magna (Big water flea)
Effective dose : 0,17 mg/l
Exposure time : 48 h

Parameter : EC50 (2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; CAS No. : 126-86-3)
Species : Daphnia magna (Big water flea)
Effective dose : 91 mg/l
Exposure time : 48 h

Parameter : EC50 (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Effective dose : 0,1 mg/l
Exposure time : 48 h

Chronic (long-term) toxicity to crustacea

Parameter : NOEC (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Effective dose : 0,004 mg/l
Exposure time : 21 D

Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter : EC50 (TRIZINC BIS(ORTHOPHOSPHATE) ; CAS No. : 7779-90-0)
Species : Selenastrum capricornutum
Effective dose : 0,3 mg/l
Exposure time : 72 h

Parameter : EC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Species : Scenedesmus subspicatus
Effective dose : > 100 mg/l

Parameter : IC50 (ZINC OXIDE ; CAS No. : 1314-13-2)
Species : Scenedesmus capricornutum
Effective dose : 0,14 mg/l
Exposure time : 72 h

Parameter : EC50 (2,4,7,9-TETRAMETHYLDEC-5-YNE-4,7-DIOL ; CAS No. : 126-86-3)
Species : Selenastrum capricornutum
Effective dose : 82 mg/l
Exposure time : 72 h

Parameter : EC50 (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Species : Pseudokirchneriella subcapitata
Effective dose : 0,048 mg/l

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Exposure time : 72 h
Parameter : EL50 (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Species : Pseudokirchneriella subcapitata
Effective dose : 0,0012 mg/l
Exposure time : 72 h
Parameter : EC50 (REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H -ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9)
Species : Algae
Evaluation parameter : Anabaena flos-aquae
Effective dose : 0,043 mg/l
Exposure time : 120 h

12.2 Persistence and degradability

Biodegradation

The solvent is biodegradable. In accordance with the required stability the product is poorly biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

Additional information

Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Dispose of waste according to applicable legislation.

Directive 2008/98/EC (Waste Framework Directive)

Before intended use

Waste codes/waste designations according to EWC/AVV

08 01 11* (Waste paint and varnish containing organic solvents or other dangerous substances)

After intended use

Waste codes/waste designations according to EWC/AVV

Uncleaned packaging: 15 01 10* (Packaging containing residues of or contaminated by dangerous substances) Cleaned packaging: 15 01 04 (Metallic packaging)

Other disposal recommendations

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

13.2 Additional information

Note sections 7 and 8.

SECTION 14: Transport information

14.1 UN number

UN 3082

14.2 UN proper shipping name

Land transport (ADR/RID)

Safety Data Sheet

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



Trade name : Hydrapid-1K-AC-Grund 5404 (SORTE 5404)
Revision date : 07.10.2020
Print date : 07.10.2020

Version (Revision) : 9.0.0 (8.0.1)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIZINC BIS(ORTHOPHOSPHATE) · ZINC OXIDE)

Sea transport (IMDG)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIZINC BIS(ORTHOPHOSPHATE))

Air transport (ICAO-TI / IATA-DGR)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIZINC BIS(ORTHOPHOSPHATE) · ZINC OXIDE)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 9
Classification code : M6
Hazard identification number (Kemler No.) : 90
Tunnel restriction code : -
Special provisions : LQ 5 I · E 1 · ADR : - (SP 375 <= 5 l/kg)
Hazard label(s) : 9 / N

Sea transport (IMDG)

Class(es) : 9
EmS-No. : F-A / S-F
Special provisions : LQ 5 I · E 1 · IMDG : - (SP 2.10.2.7 <= 5 l/kg)
Hazard label(s) : 9 / N

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 9
Special provisions : E 1 · IATA : - (SP A197 <= 5 l/kg)
Hazard label(s) : 9 / N

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : Yes
Sea transport (IMDG) : Yes (P)
Air transport (ICAO-TI / IATA-DGR) : Yes

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Use restriction according to REACH annex XVII, no. : 3, 28

Restrictions of occupation

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

National regulations

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : 0,5 - 0,99 %

Water hazard class (WGK)

Classification according to AwSV - Class : 2 (Obviously hazardous to water)

Other regulations, restrictions and prohibition regulations

Note TRGS 001. Note TRGS 400.

15.2 Chemical safety assessment

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A chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1 Indication of changes

15. Restrictions on use · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

AwSV: Ordinance on plants for the handling of substances hazardous to water. BGR(I): Rule (Information) from the German employers liability insurance association. DGUV: German Statutory Accident Insurance. EWC: European Waste Catalogue. TRGS: German Technical Rule for Hazardous Substances. VCI: German chemical industry association.

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Calculation method.

16.5 Relevant H- and EUH-phrases (Number and full text)

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.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
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.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.