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Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.12.2024 Version number 50 (replaces version 49) Revision: 07.12.2024

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

· 1.1 Product identifier

• Trade name Repacryl

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

No further relevant information available.

· Application of the substance

/ the mixture Plastic additive

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier: MC-Bauchemie Müller GmbH & Co. KG

Am Kruppwald 1-8 D-46238 Bottrop Tel.: +49(0)2041-101-0 Fax.: +49(0)2041-101-400 E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG Hagackerstr. 10 CH-8953 Dietikon Tel.: +44-7400510 Fax: +44-7400533

· Informing department:

msds@mc-bauchemie.de

· 1.4 Emergency telephone

number:

Tel.: +49 / (0)700 24112112 (MCR)

Tel.: +1 872 5888271 (MCR)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

STOT RE 1 H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

- · 2.2 Label elements
- · Labelling according to

Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS08

· Signal word Danger

Hazard-determining

components of labelling: crystalline silica

· Hazard statements H372 Causes damage to the lung through prolonged or repeated

exposure. Route of exposure: Inhalation.

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Precautionary statements P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product. P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local/

regional/national/international regulations.

· Additional information: EUH208 Contains 2-octyl-2H-isothiazol-3-one, reaction mass of: 5-

> chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic

reaction.

EUH211 Warning! Hazardous respirable droplets may be formed

when sprayed. Do not breathe spray or mist.

Contains biocidal products: 1,2-benzisothiazol-3(2H)-one, 2-octyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-

3-one [EC no. 220-239-6] (3:1)

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable. · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture consisting of the following components.

Dangerous components:		
CAS: 14808-60-7	crystalline silica STOT RE 1, H372	30-60%
CAS: 1317-65-3	Calcium carbonate substance with a Community workplace exposure limit	10-30%
CAS: 13463-67-7 EINECS: 236-675-5	Titanium Dioxide Carc. 2, H351	≥1-<2.5%
CAS: 1336-21-6 EINECS: 215-647-6 Reg.nr.: 01-2119488876-14- xxxx	ammonia Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; STOT SE 3, H335 Specific concentration limit: STOT SE 3;H335: C ≥ 5 %	≥0.25-<0.5%
CAS: 2634-33-5 EINECS: 236-671-3	1,2-benzisothiazol-3(2H)-one Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1;H317: C ≥ 0.05 %	<0.025%



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CAS: 26530-20-1	2-octyl-2H-isothiazol-3-one	≥0.00025-<0.0015%
EINECS: 247-761-7	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 125 mg/kg LD50 dermal: 311 mg/kg LC50/4 h inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 %	
CAS: 55965-84-9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C;H314: $C \ge 0.6\%$ Skin Irrit. 2; H315: $0.06\% \le C < 0.6\%$ Eye Dam. 1; H318: $C \ge 0.6\%$ Skin Sens. 1A; H317: $C \ge 0.0015\%$	

SECTION 4: First aid measures

· 4.1 Description of first aid measures

• General information For all first aid measures: observe self-protection and consult a

doctor!

After inhalation Take the person out into the fresh air.
 After skin contact Remove heavily soiled clothing.

Clean with plenty of water. Do not use thinner or similar.

· After eye contact Rinse for 10 minutes under running water with the eyelids open or

use eye rinsing solution. Always consult an ophthalmologist!

· After swallowing Do not induce vomiting.

Drink plenty of water in small sips.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents Void

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 5.2 Special hazards arising from the substance or

mixture

No further relevant information available.

· 5.3 Advice for firefighters

• **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and

emergency procedures Not required.

· 6.2 Environmental

precautions: No special measures required.

6.3 Methods and material for

containment and cleaning up: Collect mechanically.

· 6.4 Reference to other

sections No dangerous materials are released.

SECTION 7: Handling and storage

· 7.1 Precautions for safe

handling No special measures required.

No special precautions necessary if used correctly.

· 7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by

storerooms and containers: Protect containers from frost!

Only store in the original container or in containers recommended

by the manufacturer.

After decanting, label containers as original containers.

Do not store in break rooms, recreation rooms or sanitary facilities as well as in stairwells, corridors, escape and rescue routes,

passages, passageways and confined spaces.

· Further information about

storage conditions: None. Storage class 6.1D

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with critical values that require monitoring at the workplace:

CAS: 14808-60-7 crystalline silica

OEL (Ireland) Long-term value: 0.1 mg/m³

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BOELV (European Union)	Long-term value: 0.1* mg/m³ *respirable fraction	
CAS: 1317-65-3 Calcium	carbonate	
OEL (Ireland)	Long-term value: 10* 4** mg/m³ *inhalable dust, **respirable dust	
· DNELs		
CAS: 1317-65-3 Calcium	carbonate	
Oral DNEL 6.1 mg/k	(g bw/Tag (ArL)	
Inhalative DNEL 10 mg/n	า³ (ArL)	
·PNECs		
CAS: 1317-65-3 Calcium	carbonate	
PNEC 100 mg/l (Sewage	Treatment Plant)	

Additional information: The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls · Appropriate engineering

controls No further data; see section 7.

· Individual protection measures, such as personal protective equipment

· General protective and

Do not store any foodstuffs or eat, drink, snuff or smoke in the hygienic measures

work area!

Avoid contact with eyes and skin!

Preventively apply skin protection ointment to facilitate skin

cleansing.

Remove product residues from the skin!

Clean hands thoroughly at the end of work and before cleaning! Remove product residues from the skin with a suitable cleaning

agent - never use solvents or thinners to clean the skin! Use skin care products after work (moisturising cream).

For spraying processes: Breathing equipment:

Particle filter P2 (white)

· Hand protection Gloves made of: Natural latex, polychloroprene, nitrile rubber.

(Category 3 chemical protective gloves, recognisable by the CE

mark with four-digit test number).

When wearing protective gloves, cotton undergloves are

The exact breakthrough time must be obtained from the protective

recommended.

Material of gloves

Natural latex, polychloroprene, nitrile rubber.

Penetration time of glove material

glove manufacturer and must be observed.

· Eye/face protection Frame glasses

· Body protection: Protective work clothing.

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Skin protection Use greasy skin protection ointment for all uncovered parts of the

body!

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Colour: Grey

· Smell: Characteristic
· Melting point/freezing point: Not determined

· Boiling point or initial boiling point and

boiling range 100 °C (CAS: 7732-18-5 water, distilled,

conductivity or of similar purity)

· Flash point: Not applicable

· pH at 20 °C 8

· Viscosity:

Kinematic viscosityNot determined.dynamic at 20 °C:35000 mPas

Solubility

· Water: Fully miscible

• Steam pressure at 20 °C: 23 hPa (CAS: 7732-18-5 water, distilled,

Void

conductivity or of similar purity)

· Density and/or relative density

Density at 20 °C 1.6 g/cm³

· 9.2 Other information

· Appearance:

Form: Pasty

· Important information on protection of health

and environment, and on safety.

• Self-inflammability: Product is not selfigniting. • Explosive properties: Product is not explosive.

· Information with regard to physical hazard

classes

Void Explosives · Flammable gases Void · Aerosols Void · Oxidising gases Void · Gases under pressure Void Flammable liquids Void Flammable solids Void · Self-reactive substances and mixtures Void Void · Pyrophoric liquids Pyrophoric solids Void Self-heating substances and mixtures Void · Substances and mixtures, which emit

flammable gases in contact with water

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· Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

10.2 Chemical stability Thermal decomposition /

conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous

reactions No dangerous reactions known

· 10.4 Conditions to avoid No further relevant information available. · 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous

decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

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

· Acute toxicity Based on available data, the classification criteria are not met

· Acute tox	cicity	Based on available data, the classification criteria are not met.
· LD/LC50	values tha	t are relevant for classification:
CAS: 131	7-65-3 Cal	cium carbonate
Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
CAS: 134	63-67-7 Ti	tanium Dioxide
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.8 mg/l (rat)
CAS: 263	4-33-5 1,2·	benzisothiazol-3(2H)-one
Oral	LD50	1020 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
CAS: 265	30-20-1 2-	octyl-2H-isothiazol-3-one
Oral	LD50	125 mg/kg (ATE)
		500 mg/kg (rat)
Dermal	LD50	311 mg/kg (ATE)
		>2000 mg/kg (rat)
Inhalative	LC50/4 h	0.27 mg/l (ATE)
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		0.6 mg/l (rat)	
CAS: 559	CAS: 55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-		
	7]	and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	
Oral	LD50	49.6-75 mg/kg (rat)	
Dermal	LD50	87.12 mg/kg (rabbit)	
Inhalative	LC50/4 h	0.171 mg/l (rat)	

· Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met. · Serious eye damage/irritation Based on available data, the classification criteria are not met.

· Respiratory or skin Based on available data, the classification criteria are not met. sensitisation

· Germ cell mutagenicity Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. · Carcinogenicity Reproductive toxicity Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. · STOT-single exposure

· STOT-repeated exposure Causes damage to the lung through prolonged or repeated

exposure. Route of exposure: Inhalation.

Based on available data, the classification criteria are not met. · Aspiration hazard

· 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

	•••
· Aquatic to	exicity:
CAS: 1317	7-65-3 Calcium carbonate
EC50/72h	>14 mg/l (Desmodesmus subspicatus)
LC50/96h	>10000 mg/l (Oncorhynchus mykiss)
LC50/48h	>1000 mg/l (Daphnia magna)
EC50/48h	>1000 mg/l (Daphnia magna)
CAS: 2634	1-33-5 1,2-benzisothiazol-3(2H)-one
EC50/72h	0.067 mg/l (Pseudokirchneriella subcapitata)
	0.11 mg/l (Selenastrum capricornutum)
LC50/96h	1.6 mg/l (Oncorhynchus mykiss)
EC50/48h	1.1 mg/l (Daphnia magna)
CAS: 2653	30-20-1 2-octyl-2H-isothiazol-3-one
EC50/48h	0.42 mg/l (Daphnien)
CAS: 5596	65-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
LC50/24h	0.19 mg/l (fish)

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EC50/72h | 0.027 mg/l (Pseudokirchneriella subcapitata)

LC50/96h | 0.19 mg/l (Oncorhynchus mykiss)

LC50/48h | 0.28 mg/l (fish)

EC50/48h | 0.16 mg/l (Daphnia magna)

NOEC 0.02 mg/l (Oncorhynchus mykiss)

0.00049 mg/l (Ske)

0.1 mg/l (Daphnia magna)

· 12.2 Persistence and

degradability No further relevant information available.

· 12.3 Bioaccumulative

potential
No further relevant information available.

12.4 Mobility in soil
No further relevant information available.

· 12.5 Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable.

· 12.6 Endocrine disrupting

properties The product does not contain substances with endocrine disrupting

properties.

· 12.7 Other adverse effects

Additional ecological information:

General notes: Do not allow undiluted product or large quantities of it to reach

ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

• Recommendation Must not be disposed of together with household garbage. Do not

allow product to reach sewage system.

European waste catalogue

08 00 00 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

08 04 00 wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

· Uncleaned packagings:

Recommendation: Dispose of packaging according to regulations on the disposal of

packagings.

Empty contaminated packagings thoroughly. They can be recycled

after thorough and proper cleaning.

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· Recommended cleaning

agent: Water, if necessary with cleaning agent.

14.1 UN number or ID number	
ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name	
ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA	
Class	Void
14.4 Packing group	
ADR, IMDG, IATA	Void
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according t	0
IMO instruments	Not applicable.
Transport/Additional information:	Not dangerous according to the abov specifications.
UN "Model Regulation":	Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/ legislation specific for the

substance or mixture No further relevant information available.

· REGULATION (EC) No

1907/2006 ANNEX XVII Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

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· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· 15.2 Chemical safety

assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Dalarrand mlanages	11004	Tanda if annullannad
Relevant phrases	H301	Toxic if swallowed

Harmful if swallowed.
atal in contact with skin.
Toxic 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.

H372 Causes damage to organs through prolonged or repeated

exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.H411 Toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

· Department issuing data

specification sheet: Environment protection department.

· Date of previous version: 14.10.2021

· Version number of previous

version: 4

· Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises

dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous

Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances (Contd. on page 12)



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ELINCS: European List of Notified Chemical Substances

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

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values Acute Tox. 3: Acute toxicity - Category 3 Acute Tox. 4: Acute toxicity - Category 4

Acute Tox. 2: Acute toxicity - Category 2 Skin Corr. 1: Skin corrosion/irritation – Category 1 Skin Corr. 1B: Skin corrosion/irritation - Category 1B Skin Corr. 1C: Skin corrosion/irritation - Category 1C Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Skin Sens. 1: Skin sensitisation - Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A

Carc. 2: Carcinogenicity - Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard -Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic

hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic

hazard – Category 2

^{* *} Data compared to the previous version altered.