

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Junckers PreLak

Product no.

290-299

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Finishing of wood floors, indoors

Short title of implemented exposure scenario:

Professional Use

This exposure scenario includes the following use categories:

Coatings and Paints, Fillers, Putties, Thinners (PC9a)

Roller application or brushing (PROC 10)

Professional uses: Public domain (administration, education, entertainment, services, craftsmen) (SU 22)

Wide dispersive indoor use of processing aids in open systems (ERC8a)

If your application is not included, please request a safety data sheet that includes the following implemented exposure scenarios:

General public

Please contact the supplier in case your application is not included. See the contact information below.

Uses advised against

Do not use in paint spraying equipment.

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Junckers Industrier A/S

Vaerftsvej 4

4600 Koege

Denmark

Tel.: +45 7080 3000

Contact person

Kirsten Andersen

E-mail

productsafety@junckers.dk

SDS date

2018-01-25

SDS Version

2.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

2.2. Label elements

Hazard pictogram(s)

Not applicable

Signal word

-

Hazard statement(s)

Not applicable

Safety statement(s)

General -
Prevention -
Response -
Storage -
Disposal -

Identity of the substances primarily responsible for the major health hazards

Not applicable

▼ 2.3. Other hazards

Not applicable

▼ Additional labelling

Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, 1,2-benzisothiazol-3(2H)-on, Blend of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7]+2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1). May produce an allergic reaction. (EUH208).

Safety data sheet available on request. (EUH210)

Additional warnings

Not applicable

▼ VOC

VOC-MAX: 70 g/l, MAXIMUM VOC CONTENT (A/i (WB)): 140 g/l.

SECTION 3: Composition/information on ingredients

▼ 3.1/3.2. Substances/Mixtures

NAME: 2-(2-butoxyethoxy)ethanol
IDENTIFICATION NOS.: CAS-no: 112-34-5 EC-no: 203-961-6 REACH-no: 01-2119475104-44-xxxx Index-no: 603-096-00-8
CONTENT: 2.5 - <5%
CLP CLASSIFICATION: Eye Irrit. 2
H319
SL

NAME: Siliciumdioxide, chemical prepared
IDENTIFICATION NOS.: CAS-no: 7631-86-9 EC-no: 231-545-4 REACH-no: 01-2119379499-16-xxxx
CONTENT: 1 - <2.5%
CLP CLASSIFICATION: NA

NAME: zinkdistearate
IDENTIFICATION NOS.: CAS-no: 557-05-1 EC-no: 209-151-9
CONTENT: 1 - <2.5%
CLP CLASSIFICATION: Aquatic Acute 1
H400 (M-acute = 1)

NAME: 2,4,7,9-tetramethyldec-5-yne-4,7-diol
IDENTIFICATION NOS.: CAS-no: 126-86-3 EC-no: 204-809-1 REACH-no: 01-2119954390-39-xxxx
CONTENT: 0.1 - <0.25%
CLP CLASSIFICATION: Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 3
H317, H318, H412
S

NAME: Ethane-1,2-diol
IDENTIFICATION NOS.: CAS-no: 107-21-1 EC-no: 203-473-3 REACH-no: 01-2119456816-28-xxxx Index-no: 603-027-00-1
CONTENT: 0.1 - <0.25%
CLP CLASSIFICATION: Acute Tox. 4, STOT RE 2
H302, H373
SL

According to EC-Regulation 2015/830

NAME:	1,2-benzisothiazol-3(2H)-on
IDENTIFICATION NOS.:	CAS-no: 2634-33-5 EC-no: 220-120-9 Index-no: 613-088-00-6
CONTENT:	<0.01%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2 H302, H315, H317, H318, H400, H411 (M-acute = 1)
NAME:	2,6-Di-tert-butyl-4-methylphenol
IDENTIFICATION NOS.:	CAS-no: 128-37-0 EC-no: 204-881-4 REACH-no: 01-2119555270-46-xxxx
CONTENT:	<0.01%
CLP CLASSIFICATION:	Aquatic Acute 1, Aquatic Chronic 1 H400, H410 (M-acute = 1) (M-chronic = 1)
NAME:	Blend of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7]+2-methyl-2H-isothiazol-3-one [E C 220-239-6] (3:1)
IDENTIFICATION NOS.:	CAS-no: 55965-84-9 Index-no: 613-167-00-5
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Acute tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 H301, H311, H314, H317, H331, H400, H410
NAME:	hydrogen peroxide solution ... %
IDENTIFICATION NOS.:	CAS-no: 7722-84-1 EC-no: 231-765-0 Index-no: 008-003-00-9
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Ox., Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1, Acute Tox. 3, STOT SE 3, Aquatic Chronic 3 H271, H302, H314, H318, H331, H335, H412

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.
S = Organic solvent L = European occupational exposure limit.

Other information

ATEmix(inhale, vapour) > 20
ATEmix(inhale, dust/mist) > 5
ATEmix(dermal) > 2000
ATEmix(oral) > 2000
Eye Cat. 2 Sum = $\sum(C_i/S(G)CL_i) = 0,256 - 0,384$
N acute (CAT 1) Sum = $\sum(C_i/M(\text{acute}))^*25 = 0,03264 - 0,04896$

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

This product contains substances that may trigger an allergic reaction to predisposed persons.

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

Nothing special

According to EC-Regulation 2015/830

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

▼ 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

▼ 7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

▼ 7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

Storage temperature

Room temperature 18 to 23°C (Storage on stock, 3 to 8°C)

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

▼ OEL

hydrogen peroxide solution ... %

Long-term exposure limit (8-hour TWA reference period): 1 ppm | 1,4 mg/m³

Short-term exposure limit (15-minute reference period): 2 ppm | 2,8 mg/m³

2,6-Di-tert-butyl-4-methylphenol

Long-term exposure limit (8-hour TWA reference period): - ppm | 10 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

Ethane-1,2-diol

Long-term exposure limit (8-hour TWA reference period): 20 ppm | 52 mg/m³

Short-term exposure limit (15-minute reference period): 40 ppm | 104 mg/m³

Comments: Sk (Sk = Can be absorbed through skin.)

According to EC-Regulation 2015/830

Siliciumdioxide, chemical prepared

Long-term exposure limit (8-hour TWA reference period): - ppm | 6 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | 2,4 mg/m³

Comments: inhalable aerosol/respirable aerosol

2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA reference period): 10 ppm | 67.5 mg/m³

Short-term exposure limit (15-minute reference period): 15 ppm | 101.2 mg/m³

▼ DNEL / PNEC

DNEL (2-(2-butoxyethoxy)ethanol): 67.5 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 67.5 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 101.2 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Local effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 83 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2-(2-butoxyethoxy)ethanol): 40.5 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 40.5 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 60.7 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Local effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 50 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2-(2-butoxyethoxy)ethanol): 5 mg/kg bw/day

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

PNEC (2-(2-butoxyethoxy)ethanol): 1.1 mg/l

Exposure: Freshwater

Duration of Exposure: Continuous

PNEC (2-(2-butoxyethoxy)ethanol): 0,11 mg/l

Exposure: Marine water

Duration of Exposure: Continuous

PNEC (2-(2-butoxyethoxy)ethanol): 200 mg/l

Exposure: Sewage Treatment Plant

PNEC (2-(2-butoxyethoxy)ethanol): 4.4 mg/kg

Exposure: Freshwater sediment

PNEC (2-(2-butoxyethoxy)ethanol): 0.44 mg/kg

Exposure: Marine water sediment

PNEC (2-(2-butoxyethoxy)ethanol): 0.32 mg/kg

Exposure: Soil

PNEC (2,6-Di-tert-butyl-4-methylphenol): 0,0002 mg/l

Exposure: Freshwater

PNEC (2,6-Di-tert-butyl-4-methylphenol): 0,00002 mg/l

Exposure: Marine water

According to EC-Regulation 2015/830

PNEC (hydrogen peroxide solution ... %): 0,0126 mg/l
Exposure: Freshwater

PNEC (hydrogen peroxide solution ... %): 0,0126 mg/l
Exposure: Marine water

PNEC (hydrogen peroxide solution ... %): 0,047 ppm
Exposure: Marine water sediment

PNEC (hydrogen peroxide solution ... %): 0,0019 ppm
Exposure: Soil

8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations

Contributing scenario for the control of user exposure:

- ▼ Maximum permissible number of days the product may be used per year: 365
- ▼ Longest permissible working day using the product (hours/day): 8
- Place of application: Indoor

Exposure scenarios

Risk measures of the exposure scenario and guidance on personal protective equipment are implemented in this safety data sheet. Please ensure that all users are familiar with the content.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

▼ Respiratory Equipment

Ensure adequate ventilation (5 to 15 air changes per hour). In case of insufficient ventilation: Use respiratory mask with gas filter type A1.

Skin protection

Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.

Hand protection

Recommended: Nitrile rubber. Breakthrough time: > 60 minutes (Class 3)

Eye protection

Wear safety glasses with side shields.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	White
Odour	Faint
Odour threshold (ppm)	No data available.

According to EC-Regulation 2015/830

pH	7-9
Viscosity (40°C)	No data available.
Density (g/cm ³)	1,04
Phase changes	
Melting point (°C)	No data available.
Boiling point (°C)	100
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
Data on fire and explosion hazards	
Flash point (°C)	101
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.
Solubility	
Solubility in water	Soluble
n-octanol/water coefficient	No data available.
9.2. Other information	
Solubility in fat (g/L)	No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Curing time 72 h.

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

▼ Acute toxicity

Substance: hydrogen peroxide solution ... %

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: > 2000 mg/kg bw

Substance: hydrogen peroxide solution ... %

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: 2,01 mg/l (4 h)

Substance: hydrogen peroxide solution ... %

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 693,7 mg/kg bw (4 h)

Substance: Blend of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7]+2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1)

Species: Rabbit

Test: LD50

According to EC-Regulation 2015/830

Route of exposure: Dermal
Result: > 5000 mg/kg bw

Substance: Blend of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7]+2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1)
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 11,3 mg/l

Substance: Blend of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7]+2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1)
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 4467 mg/kg bw

Substance: 2,6-Di-tert-butyl-4-methylphenol
Species: Rat
Test: LD50
Route of exposure: Dermal
Result: > 5000 mg/kg

Substance: 2,6-Di-tert-butyl-4-methylphenol
Species: Rat
Test: LD50
Route of exposure: Oral
Result: > 5000 mg/kg

Substance: 1,2-benzisothiazol-3(2H)-on
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: > 2000 mg/kg

Substance: 1,2-benzisothiazol-3(2H)-on
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 1150 mg/kg

Substance: Siliciumdioxide, chemical prepared
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: >5000 mg/kg

Substance: Siliciumdioxide, chemical prepared
Species: Rat
Test: LC0
Route of exposure: Inhalation
Result: 0,139 mg/l (4 h)

Substance: Siliciumdioxide, chemical prepared
Species: Rat
Test: LD50
Route of exposure: Oral
Result: >5000 mg/kg

Substance: 2-(2-butoxyethoxy)ethanol
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: 2700 mg/kg

Substance: 2-(2-butoxyethoxy)ethanol
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 3384 mg/kg

Substance: 2-(2-butoxyethoxy)ethanol
Species: Mouse
Test: LD50
Route of exposure: Oral
Result: 2499 mg/kg

According to EC-Regulation 2015/830

Skin corrosion/irritation

Data on substance: Siliciumdioxide, chemical prepared
Test: analogous OECD-method
Organism: Rabbit
Result: no irritation

Data on substance: hydrogen peroxide solution ... %
Test: OECD TG 405
Organism: Rabbit
Result: Corrosive

Serious eye damage/irritation

Data on substance: hydrogen peroxide solution ... %
Test: OECD TG 405
Organism: Rabbit
Result: Corrosive

Data on substance: Siliciumdioxide, chemical prepared
Test: analogous OECD-method
Organism: Rabbit
Result: no irritation

Respiratory or skin sensitisation

This product contains substances that may trigger an allergic reaction to predisposed persons.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Nothing special

SECTION 12: Ecological information

▼ 12.1. Toxicity

Substance: hydrogen peroxide solution ... %
Species: Fish
Test: LC50
Duration: 96 h
Result: 16,4 mg/l

Substance: hydrogen peroxide solution ... %
Species: Algae
Test: ErC50
Duration: 72 h
Result: 1,38 mg/l

Substance: hydrogen peroxide solution ... %
Species: Algae
Test: NOEC
Duration: 72 h
Result: 0,63 mg/l

Substance: hydrogen peroxide solution ... %
Species: Daphnia
Test: EC50
Duration: 48 h
Result: 2,4 mg/l

According to EC-Regulation 2015/830

Substance: hydrogen peroxide solution ... %
Species: Daphnia
Test: NOEC
Duration: 21 d
Result: 0,63 mg/l

Substance: Blend of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7]+2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1)
Species: Daphnia
Test: EC50
Duration: 48 h
Result: 6,67 mg/L

Substance: Blend of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC 247-500-7]+2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1)
Species: Fish
Test: EC50
Duration: 96 h
Result: 14,6 mg/l

Substance: 2,6-Di-tert-butyl-4-methylphenol
Species: Algae
Test: IC50
Duration: 72 h
Result: > 0,4 mg/l

Substance: 2,6-Di-tert-butyl-4-methylphenol
Species: Fish
Test: LC50
Duration: 48 h
Result: 5 mg/l

Substance: 2,6-Di-tert-butyl-4-methylphenol
Species: Daphnia
Test: EC50
Duration: 48 h
Result: 0,61 mg/l

Substance: 1,2-benzisothiazol-3(2H)-on
Species: Daphnia
Test: EC50
Duration: 48 h
Result: 3 mg/l

Substance: 1,2-benzisothiazol-3(2H)-on
Species: Algae
Test: EC50
Duration: 72 h
Result: 0,067 mg/l

Substance: 1,2-benzisothiazol-3(2H)-on
Species: Fish
Test: LC50
Duration: 96 h
Result: 2,2 mg/l

Substance: 1,2-benzisothiazol-3(2H)-on
Species: Bacteria
Test: EC50
Duration: 16 h
Result: 0,4 mg/l

Substance: 2,4,7,9-tetramethyldec-5-yne-4,7-diol
Species: Algae
Test: EC50
Duration: 72 h
Result: 82 mg/l

Substance: Siliciumdioxide, chemical prepared
Species: Fish
Test: LC50
Duration: 96 h
Result: >10000 mg/l

According to EC-Regulation 2015/830

Substance: Siliciumdioxide, chemical prepared
 Species: Daphnia
 Test: EC50
 Duration: 24 h
 Result: >1000 mg/l

Substance: Siliciumdioxide, chemical prepared
 Species: Algae
 Test: EC50
 Duration: 72 h
 Result: >10000 mg/l

Substance: 2-(2-butoxyethoxy)ethanol
 Species: Fish
 Test: LC50
 Duration: 96 h
 Result: 1300 mg/l

Substance: 2-(2-butoxyethoxy)ethanol
 Species: Daphnia
 Test: EC50
 Duration: 24 h
 Result: 2850 mg/l

Substance: 2-(2-butoxyethoxy)ethanol
 Species: Algae
 Test: EC50
 Duration: 96 h
 Result: 100 mg/l

Substance: 2-(2-butoxyethoxy)ethanol
 Species: Daphnia
 Test: EC50
 Duration: 48 h
 Result: 100 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
hydrogen peroxide solution	Yes	No data available	99 %
Blend of: 5-chloro-2-methyl-4-...	Yes	Closed Bottle Test	> 60%
2-(2-butoxyethoxy)ethanol	Yes	Modified OECD Screening Test	90-100%

▼ 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
hydrogen peroxide solution	No	No data available	No data available
Blend of: 5-chloro-2-methyl-4-...	No	0,75	3,6
2,6-Di-tert-butyl-4-methylphen...	Yes	5,1	330
Siliciumdioxide, chemical prep...	No	No data available	No data available
2-(2-butoxyethoxy)ethanol	No	0,56	No data available

12.4. Mobility in soil

Blend of: 5-chloro-2-methyl-4-...: Log Koc= 0,672325, Calculated from LogPow (High mobility potential.).
 2,6-Di-tert-butyl-4-methylphen...: Log Koc= 4,11709, Calculated from LogPow (Low mobility potential.).
 2-(2-butoxyethoxy)ethanol: Log Koc= 0,521864, Calculated from LogPow (High mobility potential.).

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

▼ 12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment,

This product contains substances with the potential of bioaccumulation resulting in the risk of accumulation in the food chain. Bioaccumulative substances are concentrated in adipose tissue and are not easily secreted.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Waste

EWC code

08 01 11

waste paint and varnish containing organic solvents or other dangerous substances

Specific labelling

-

Contaminated packing

No specific requirements.

SECTION 14: Transport information

14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

14.1. UN number -
 14.2. UN proper shipping name -
 14.3. Transport hazard class(es) -
 14.4. Packing group -
 Notes -
 Tunnel restriction code -

IMDG

UN-no. -
 Proper Shipping Name -
 Class -
 PG* -
 EmS -
 MP** -
 Hazardous constituent -

IATA/ICAO

UN-no. -
 Proper Shipping Name -
 Class -
 PG* -

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

▼ Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

According to EC-Regulation 2015/830

Demands for specific education

-

Additional information

Not applicable

Seveso

-

Sources

Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3

H271 - May cause fire or explosion; strong oxidiser.

H301 - Toxic if swallowed.

H302 - Harmful if swallowed.

H311 - 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.

H331 - Toxic if inhaled.

H335 - May cause respiratory irritation.

H373 - May cause 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.

H412 - Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

PC9a = Coatings and Paints, Fillers, Putties, Thinners

PROC 10 = Roller application or brushing

SU 22 = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

ERC8a = Wide dispersive indoor use of processing aids in open systems

Additional label elements

Not applicable

Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

According to EC-Regulation 2015/830

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

shcw/chymeia

Date of last essential change

(First cipher in SDS version)

2017-06-01(1.0)

Date of last minor change

(Last cipher in SDS version)

2017-06-01

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