SAFETY DATA SHEET

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

1.1. Product identifier

Trade name
Junckers PreLak White
Product no.
220-229
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
Priming of wood, indoors. Private use: Do not use in paint spraying equipment.
Uses advised against
-
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
DK-4600 Koege
Tel.: +45 7080 3000
Contact person
Katja Hansen
E-mail
productsafety@junckers.dk
SDS date
2016-02-24
SDS Version
4.0

1.4. Emergency telephone number

Use your national or local emergency number
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)
See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)
-
Signal word
-
Hazard statement(s)
-

Safety statement(s)	General	-
	Prevention	-
	Response	-
	Storage	-
	Disposal	-

Identity of the substances primarily responsible for the major health hazards
-

2.3. Other hazards

-

Additional labelling
Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-

one, 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

-

VOC

VOC-MAX: 120 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:	3-5%
CLP CLASSIFICATION:	Eye Irrit. 2 H319
NOTE:	S
NAME:	Dipropylenglycolmonoethylether
IDENTIFICATION NOS.:	CAS-no: 30025-38-8 EC-no: 405-820-6 REACH-no: 2119485583-28-xxxx
CONTENT:	1-3%
CLP CLASSIFICATION:	NA
NAME:	Adipohydrazide
IDENTIFICATION NOS.:	CAS-no: 1071-93-8 EC-no: 213-999-5 REACH-no: 01-2119962900-36-xxxx
CONTENT:	<1%
CLP CLASSIFICATION:	Aquatic Chronic 2 H411
NAME:	reaction mass of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-
IDENTIFICATION NOS.:	CAS-no: 127519-17-9 EC-no: 407-000-3 Index-no: 607-281-00-4
CONTENT:	<1%
CLP CLASSIFICATION:	Aquatic Chronic 2 H411
NAME:	Alcohols, C13 (branched), ethoxylated, < 2.5 EO
IDENTIFICATION NOS.:	CAS-no: 69011-36-5 EC-no: -
CONTENT:	<0.05%
CLP CLASSIFICATION:	Acute Tox. 4, Eye Dam. 1 H302, H318
NAME:	Alcohols, C9-11, ethoxylated
IDENTIFICATION NOS.:	CAS-no: 160901-09-7 EC-no: 500-446-0
CONTENT:	<0.05%
CLP CLASSIFICATION:	Acute Tox. 4, Eye Dam. 1 H302, H318
NAME:	Polyoxyethylene Nonyl Phenol Ether Phosphate Na-salt
IDENTIFICATION NOS.:	CAS-no: 68954-84-7
CONTENT:	<0.01%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2 H315, H318, H411
NAME:	2,6-Di-tert-butyl-4-methylphenol
IDENTIFICATION NOS.:	CAS-no: 128-37-0 EC-no: 204-881-4 REACH-no: 01-2119565113-46-0000
CONTENT:	<0.01%
CLP CLASSIFICATION:	Aquatic Acute 1, Aquatic Chronic 1 H400, H410 (M-acute = 1) (M-chronic = 1)
NAME:	2-methyl-2H-isothiazol-3-on
IDENTIFICATION NOS.:	CAS-no: 2682-20-4 EC-no: 220-239-6
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Eye Dam. 1, Acute Tox. 1, Aquatic Acute 1, Aquatic Chronic 2 H301, H314, H317, H318, H330, H400, H411 (M-acute = 1)
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:	<0.0015%
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)

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

Other informations

ATEmix(inhale, vapour) > 20
ATEmix(inhale, dust/mist) > 20
ATEmix(inhale, dust/mist) > 20000
ATEmix(dermal) > 2000
ATEmix(oral) > 2000
Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0,2504 - 0,3756

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. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Not applicable

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

This product contains substances that may cause an allergic reaction in people who are already so disposed.

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

No special

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. Water jets 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, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

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. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section on “Disposal” with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. 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. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

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 described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

2-(2-butoxyethoxy)ethanol (EH40/2005)
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): 10 ppm
Exposure: Inhalation
Duration of Exposure: Long term
Remarks: Supplier ESDS

DNEL (2-(2-butoxyethoxy)ethanol): 5 mg/kg
Exposure: Inhalation
Duration of Exposure: Long term
Remarks: Supplier ESDS

DNEL (Dipropylenglycolmonoethylether): 392 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers
Remarks: Data ECHA

DNEL (Dipropylenglycolmonoethylether): 42 mg/kg bw/day
Exposure: Dermal
Duration of Exposure: Long term – Systemic effects - Workers
Remarks: Data ECHA

DNEL (Dipropylenglycolmonoethylether): 100 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - General population
Remarks: Data ECHA

DNEL (Dipropylenglycolmonoethylether): 25 mg/kg bw/day
Exposure: Dermal
Duration of Exposure: Long term – Systemic effects - General population
Remarks: Data ECHA

DNEL (Dipropylenglycolmonoethylether): 25 mg/kg bw/day
Exposure: Oral
Duration of Exposure: Long term – Systemic effects - General population
Remarks: Data ECHA

PNEC (2-(2-butoxyethoxy)ethanol): 0,1 mg/L
Exposure: Water
Duration of Exposure: Continuous
Remarks: Supplier ESDS

PNEC (2-(2-butoxyethoxy)ethanol): 0,4 mg/L
Exposure: Soil
Duration of Exposure: Continuous
Remarks: Supplier ESDS

PNEC (Dipropylenglycolmonoethylether): 10,8 mg/L
Exposure: Freshwater sediment
Remarks: ECHA

PNEC (Dipropylenglycolmonoethylether): 1,08 mg/L
Exposure: Marine water sediment
Remarks: ECHA

PNEC (Dipropylenglycolmonoethylether): 0,98 mg/kg soil dw
Exposure: Soil
Remarks: ECHA

PNEC (Dipropylenglycolmonoethylether): 2 mg/L
Exposure: Freshwater
Remarks: ECHA

PNEC (Dipropylenglycolmonoethylether): 0,2 mg/L
Exposure: Marine water
Remarks: ECHA

PNEC (Dipropylenglycolmonoethylether): 2 mg/L
Exposure: Intermittent release
Remarks: ECHA

PNEC (Dipropylenglycolmonoethylether): 200 mg/L
Exposure: Sewage Treatment Plant
Remarks: ECHA

8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

General recommendations

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values below.

Appropriate technical measures

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values (see below). Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. 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

No specific requirements.

Skin protection

Use suitable protective clothing, for example overalls made of polypropylene or work clothes made of

cotton/polyester.

Hand protection

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

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Various colours
Odour	Mild
pH	7-9
Viscosity	No data available.
Density (g/cm3)	1,04

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	100
Vapour pressure	No data available.

Data on fire and explosion hazards

Flashpoint (°C)	101
Ignition (°C)	No data available.
Self ignition (°C)	No data available.
Explosion limits (Vol %)	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

The product is stable under the conditions, noted in the section on “Handling and storage”.

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants 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	Species	Test	Route of exposure	Result
2-methyl-2H-isothiazol-3-on	Rabbit	LD50	Dermal	> 2000 mg/kg
2-methyl-2H-isothiazol-3-on	Rat	LD50	Oral	285 mg/kh
1,2-benzisothiazol-3(2H)-on	Rabbit	LD50	Dermal	> 2000 mg/kg
1,2-benzisothiazol-3(2H)-on	Rat	LD50	Oral	1150 mg/kg
Alcohols, C9-11, ethoxylated	Rat	LD50	Oral	>1200 mg/kg
Alcohols, C13 (branched), etho...	Rat	LD50	Oral	>500-2000 mg/kg
Adipohydrazide	Rat	LC50	Inhalation	>5,3 mg/l
Adipohydrazide	Rat	LD50	Oral	>2000 mg/kg
Dipropylenglycolmonoethylether	Rat	LD	Dermal	>2009 mg/kg bw
Dipropylenglycolmonoethylether	Rat	LD50	Oral	5 ml/kg bw
2-(2-butoxyethoxy)ethanol	Rabbit	LD50	Dermal	>2000 mg/kg
2-(2-butoxyethoxy)ethanol	Rat	LD50	Oral	>2000 mg/kg

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitisation

This product contains substances that may cause an allergic reaction in people who are already so disposed.

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

No special

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Duration	Result
2-methyl-2H-isothiazol-3-on	Daphnia	EC50	48 h	1,6 mg/l
2-methyl-2H-isothiazol-3-on	Algae	EC50	72 h	0,157 mg/l
2-methyl-2H-isothiazol-3-on	Fish	LC50	96 h	6,0 mg/l
1,2-benzisothiazol-3(2H)-on	Daphnia	EC50	48 h	3 mg/l
1,2-benzisothiazol-3(2H)-on	Algae	EC50	72 h	0,067 mg/l
1,2-benzisothiazol-3(2H)-on	Fish	LC50	96 h	6,0 mg/l
Alcohols, C13 (branched), etho...	Daphnia	EC50	48 h	4,7 mg/l
Alcohols, C13 (branched), etho...	Daphnia	NOEC		2,5 mg/l
Adipohydrazide	Fish	LC50	96 h	>100 mg/l
Adipohydrazide	Daphnia	EC50	48 h	>106 mg/l
Adipohydrazide	Algae	EC50	72 h	9,19 mg/l
Dipropylenglycolmonoethylether	Fish	EC50		> 100 mg/L
Dipropylenglycolmonoethylether	Algae	EC50		> 100 mg/L
Dipropylenglycolmonoethylether	Daphnia	EC50		> 100 mg/L
2-(2-butoxyethoxy)ethanol	Fish	LC50	96 H	1300 mg/l
2-(2-butoxyethoxy)ethanol	Daphnia	EC50	14 H	2850 mg/l
2-(2-butoxyethoxy)ethanol	Algae	EC50	Akute	>100 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Dipropylenglycolmonoethylether	Yes	No data available	No data available
2-(2-butoxyethoxy)ethanol	Yes	Modified OECD Screening Test	90-100%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Dipropylenglycolmonoethylether	No	No data available	No data available
2-(2-butoxyethoxy)ethanol	No	0,56	No data available

12.4. Mobility in soil

2-(2-butoxyethoxy)ethanol: Log Koc= 0,521864, Calculated from LogPow (High mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product is not covered by the regulations on dangerous waste.

Waste

EWC code

08 01 11

Specific labelling

-

Contaminated packing

No specific requirements.

SECTION 14: Transport information

14.1 – 14.4

Not listed as dangerous goods under ADR and IMDG regulations.

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 MARPOL73/78 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 must not be exposed to this product cf. Council Directive 94/33/EC.

Demands for specific education

-

Additional information

-

Sources

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

H301 - Toxic if swallowed.
H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H330 - Fatal if inhaled.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
H411 - Toxic to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

-

Other symbols mentioned in section 2

-

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

The safety data sheet is validated by

Admin

Date of last essential change (First cipher in SDS version)

2015-03-17

Date of last minor change (Last cipher in SDS version)

2015-03-17