Safety Data Sheet

Faxe Panel Lye 0282

Replaces date: 19/05/2021

Revision date: 16/09/2021
Version: 17.0.0

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

1.1. Product identifier

Trade name: Faxe Panel Lye 0282

Article no

Article no	Description
0282	

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

Recommended uses: Lye treatment of wood.

Inadvisable uses: The product is recommended for only the above described uses.

1.3. Details of the supplier of the safety data sheet

Supplier

Company:	EFApaint A/S
Address:	Energivej 13
Zip code:	DK-6700
City:	Esbjerg
Country:	DENMARK
E-mail:	info@efapaint.dk
Phone:	0045 75 12 86 00
Fax:	0045 75 45 33 68
Homepage:	www.efapaint.dk

1.4. Emergency Telephone Number

GB: +44 1215074123 (Advice and guidance) (Around the clock)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

2.2. Label elements

Supplemental information

EUH208	Contains UV Absorber, 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.

VOC: This product contains a maximum of 42 g VOC/L. The limit value is 130 g VOC/L (cat. A/d)

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification

Propane-1,2-diol	57-55-6 01-2119456809-23	2.5 - 10 %		
2-(2-ethoxyethoxy)ethanol	111-90-0 203-919-7 02-2119666138-32	< 2.5 %		LD50 (Acute toxicity - oral): 6031 mg/kg bw LD50 (Acute toxicity - dermal): 9143 mg/kg bw LC50 (dust/mist) (Acute toxicity - inhalation): > 5.24 mg/l
UV Absorber	400-830-7 01-0000015075-76	< 0.6 %		Skin Sens. 1;H317 Aquatic Chronic 2;H411
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9	< 0.006 %		Acute Tox. 4;H302 Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Dam. 1;H318 Aquatic Acute 1;H400 C ≥ 0.05%: Skin Sens. 1; H317

Please see section 16 for the full text of H- / EUH-phrases..

Ingredient comments: The CLP Annex VI classification of Titanium dioxide (CAS 13463-67-7) does not apply to this mixture according to CLP Annex VI Note 10.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: In the event of feeling nausea, headache or dizziness, move into fresh air immediately. Seek medical advice in case of persistent discomfort.

Ingestion: Give large quantities of milk or water to drink. DO NOT INDUCE VOMITING! If vomiting occurs, hold head low to prevent aspiration of liquid into lungs. Seek medical advice in case of discomfort.

Skin contact: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Skin cleaner may be used. Do not use solvents. Clothing/footwear must be cleaned before use again. Get medical attention if any discomfort continues.

Eye contact: Flush immediately with lukewarm water (preferably using eye wash equipment) for at least 15 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

Burns: Product is non-flammable.

General: If in doubt, seek medical advice. Also see para. 1 In case of accident: Seek medical advice. Show the label or this safety datasheet, if possible.

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

Irritating to eyes and skin.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Non-flammable material.

Unsuitable extinguishing media: Non-flammable material.

Extinguishing methods: Non-flammable material.

5.2. Special hazards arising from the substance or mixture

Slippery ground.

5.3. Advice for firefighters

Cool closed containers with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Use disposable overalls which are thrown away after use. Not relevant.

For emergency responders: If there is a risk of contact with the product wear rubbergloves and a protective suit.

6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Prevent major quantities of spillage from being discharged into the sewage system or water by banking the spillage with sand or the like and collecting it. Recover with absorbent material. Clean preferably with cleansing agents. Avoid using solvents.

6.4. Reference to other sections

Also see item 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

The product must be kept away from children. Store in a tightly closed container and in accordance with the current regulations in a dry and well-ventilated place away from food. Keep the material away from oxidizing agents and strong acidic and alkaline substances.

7.3. Specific end use(s)

Applications is mentioned in item 1.2.

Other Information: Personal protective equipment: Refer to section 8.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m³	fiber/cm3	Remarks	Comments
Propane-1,2-diol	8h	150	474		Total (vapour and particulates)	
Propane-1,2-diol	8h		10		particulates	
Propane-1,2-diol	15m				Total (vapour and particulates)	

Propane-1,2-diol	15m				particulates	

Occupational exposure limit: The occupational exposure limit value for Titanium dioxide applies only to dusty products.

PNEC

Propane-1,2-diol, cas-no 57-55-6				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater	206 mg/l			
Marine water	26 mg/l			
Freshwater - sediment	572 mg/l			
Marine water - sediment	57.2 mg/l			
Soil	50 mg/kg			

2-(2-ethoxyethoxy)ethanol, cas-no 111-90-0				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Soil	0,34 mg/kg dw			
Marine water	0,198 mg/l			
Freshwater	1,98 mg/l			
Marine water - sediment	7,32 mg/kg dw			
Freshwater - sediment	0,732 mg/kg dw			

DNEL - workers

Propane-1,2-diol, cas-no 57-55-6					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	186 mg/m3	Long-term exposure		Systemic effects	
Inhalation	10 mg/m3	Long-term exposure		Local effects	

2-(2-ethoxyethoxy)ethanol, cas-no 111-90-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal	83 mg/kg bw/day	Long-term exposure		Systemic effects	
Inhalation	61 mg/m³	Long-term exposure		Systemic effects	
Inhalation	30 ml/m³	Long-term exposure		Local effects	

DNEL - general population

Propane-1,2-diol, cas-no 57-55-6					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	50 mg/m3	Long-term exposure		Systemic effects	
Inhalation	10 mg/m3	Long-term exposure		Local effects	

2-(2-ethoxyethoxy)ethanol, cas-no 111-90-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Oral	50 mg/kg bw/day	Long-term exposure		Systemic effects	
Dermal	25 mg/kg bw/day	Long-term exposure		Systemic effects	
Inhalation	37 ml/m³	Long-term exposure		Systemic effects	
Inhalation	18 mg/m³	Long-term exposure		Local effects	

Other Information: See above.

8.2. Exposure controls

Appropriate engineering controls: All work must be planned with a view to limit the breathing of fumes and the exposure to the skin.

Personal protective equipment, Protective goggles are recommended.

eye/face protection:

Personal protective equipment, skin protection: If possible, wear special work clothes. When spraying wear coveralls.

Personal protective equipment, hand protection: Use disposable nitrile protection gloves.

Personal protective equipment, respiratory protection: If application is done by brushing, there are no demands.
In case of spraying/formation of spraying mists: In case of risk of formation of spray mist, wear respiratory protective equipment with P2 filter.

Environmental exposure controls: It must be ensured that local regulations for discharge are met.

Other Information: Washing and flushing facilities must be available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid.
Colour	White.
Odour	Odourless or no characteristic odour.
Solubility	Miscible with water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flammability (solid, gas)		Irrelevant
Flammability limits		Irrelevant
Explosion limits		Irrelevant
Flash Point	> 62 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	9	
Kinematic viscosity	No data	
Viscosity	~ 30 Sec. 4 mm cup	
Partition coefficient n-octonol/water	No data	
Vapour pressure	No data	
Density	1.05 g/ml	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		None
Oxidising properties		No information available
Weight % organic solvents	4	
VOC (G/liter)	42	

Other Information: Solubility in water: Soluble in water. Fat solubility: irrelevant

SECTION 10: Stability and reactivity

10.1. Reactivity

No information is available.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known by normal use and normal conditions.

10.4. Conditions to avoid

Strong sunlight.

10.5. Incompatible materials

To prevent heat-generating reactions, keep the product away from oxidizing agents and strong acidic and basic substances.

10.6. Hazardous decomposition products

No information available

SECTION 11: Toxicological information

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

Acute toxicity - oral

Propane-1,2-diol, cas-no 57-55-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		22000 mg/kg			

2-(2-ethoxyethoxy)ethanol, cas-no 111-90-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		6031 mg/kg bw			

UV Absorber, EC-no 400-830-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg bw		OECD 401	

1,2-benzisothiazol-3(2H)-one, cas-no 2634-33-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1193 mg/kg			

Ingestion of large quantities may cause gastrointestinal disorders.

Acute toxicity - dermal

Propane-1,2-diol, cas-no 57-55-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000 mg/kg			

2-(2-ethoxyethoxy)ethanol, cas-no 111-90-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		9143 mg/kg bw			

UV Absorber, EC-no 400-830-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000 mg/kg bw		OECD 402	

1,2-benzisothiazol-3(2H)-one, cas-no 2634-33-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		4115 mg/kg			

Dries out the skin with consequent irritation.

Acute toxicity - inhalation

Propane-1,2-diol, cas-no 57-55-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LC50	2 h	> 317 mg/l			

2-(2-ethoxyethoxy)ethanol, cas-no 111-90-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (dust/mist)	4 h	> 5.24 mg/l			

UV Absorber, EC-no 400-830-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	> 5.8 mg/l		OECD 403	

No known hazards.

Skin corrosion/irritation: No known hazards.

Serious eye damage/eye irritation: Splashing into eyes may cause smarting/irritation.

Respiratory sensitisation or skin sensitisation: May cause allergic reactions.

Germ cell mutagenicity: Would not be expected germ cell mutagen

Carcinogenic properties: Not expected to cause cancer.

Reproductive toxicity: Would not be expected to be a reproductive toxicant.

Single STOT exposure: No known hazards.

Repeated STOT exposure: No known hazards.

Aspiration hazard: No known hazards.

11.2. Information on other hazards

Endocrine disrupting properties: No known information.

SECTION 12: Ecological information

12.1. Toxicity

Propane-1,2-diol, cas-no 57-55-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute daphnia		48 h	EC50	43500 mg/l			
Acute fish	Oncorhynchus mykiss	96 h	LC50	40613 mg/l			
Acute algae	Pseudokirchneriella subcapitata	96 h	EC50	19000 mg/l			

2-(2-ethoxyethoxy)ethanol, cas-no 111-90-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source

Acute algae	Desmodesmus subspicatus	96 h	EC50	> 100 mg/l			
Acute daphnia		48 h	LC50	1982 mg/l			
Acute fish	Ictalurus punctatus	96 h	LC50	6010 mg/l			

UV Absorber, EC-no 400-830-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish	Oncorhynchus mykiss	96 h	LC50	2.8 mg/l		#Not translated#	
Acute daphnia	Oncorhynchus mykiss	48 h		4 mg/l			
Acute algae	Pseudokirchneriella subcapitata	72 h	EC50	> 100 mg/l		OECD 201	

1,2-benzisothiazol-3(2H)-one, cas-no 2634-33-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute Daphnia	Daphnia magna	48 h	EC50	2.94 mg/l			
Acute fish	Onchorhynchus mykiss	96 h	LC50	2.18 mg/l			
Acute algae	Pseudokirchneriella subcapitata	72 h	ErC50	0.11 mg/l			

No information available

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

The product is miscible with water and will spread in water systems.

12.5. Results of PBT and vPvB assessment

This product is not a substance which is a PBT or vPBT.

12.6. Endocrine disrupting properties

No known information.

12.7. Other adverse effects

No information available

Other Information

Do not dispose of this product in drains, watercourses, or on the ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water.

Waste must be disposed of in accordance with local environmental control regulations. Provide good chemical hygiene. Product residues are classified as chemical waste.

Category of waste: EAK-Code : 08 01 11

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user

Irrelevant.

14.7. Maritime transport in bulk according to IMO instruments

Irrelevant.

SECTION 15: Regulatory information

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

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
17.0.0	16/09/2021	GK	3, 9, 11, 12
16.0.0	19/05/2021	GK	2
15.0.0	01/07/2020	GK	2, 3, 8, 11, 16
14.0.0	16/03/2016	GK	2, 3, 11, 12, 13
13.0.0	13/04/2015	GK	1, 2, 3

Abbreviations: DNEL: Derived No Effect Level. PNEC: Predicted No Effect Concentration.

References to literature and data sources: REACH: REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals. CLP: REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures.

Other Information: The information in this Material Safety Data Sheet is based upon our knowledge and on European Union legislation. The user's working conditions are outside our control. It is the responsibility of the users to fulfil the requirements set by National Legislation. The information is no guarantee of the properties of the product. The Material Safety Data Sheet may only be reproduced with the permission of the manufacturer.

Training advice: The instructions in this Material Safety Data Sheet are given on the assumption that the product is used as stated in item 1. Restrictions of use and special training requirements must also be complied with. The information in this Material Safety Data Sheet should be regarded as a description of the safety issues concerning the product.

Hazard statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Supplemental hazard information

EUH208	Contains UV Absorber, 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.

Country: GB