Safety Data Sheet

FAXE Hardwood Lye 0284

Replaces date: 02/03/2015

Revision date: 02/02/2023
Version: 10.0.0

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

1.1. Product identifier

Trade name: FAXE Hardwood Lye 0284

UFI: WDS0-508U-200Q-QQNG

Article no

Article no	Description
0284	

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
Email:	info@efapaint.dk
Phone:	0045 75 12 86 00
Fax:	0045 75 45 33 68
Homepage:	www.efapaint.dk

1.4. Emergency Telephone Number

(0044) 111 (NHS 111)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Corr. 1C;H314

Most serious harmful effects: Causes severe skin burns and eye damage.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: Oxalic acid, dihydrate;

Hazard Statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+361+353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container in accordance to local regulations.

2.3. Other hazards

The product does not contain any endocrine disruptors, 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
Oxalic acid, dihydrate	6153-56-6 205-634-3 01-2119534576-33	2.5 - 10 %		Acute Tox. 4;H302 Acute Tox. 4;H312 Eye Dam. 1;H318 LD50 (Acute toxicity - oral): 375 mg/kg bw LD50 (Acute toxicity - dermal): > 20000 mg/kg bw

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: If patient feels unwell move to fresh air and keep under surveillance. If breathing has stopped, apply artificial respiration. Call for medical attention or ambulance.

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. Call for medical attention/ambulance.

Skin contact: Remove contaminated clothing immediately. Wash the skin thoroughly with water and continue washing for a long time. Clothing/footwear must be cleaned before use again. Consult a doctor if skin irritation 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

The product itself does not burn. Reacts exothermically with water. Avoid inhaling of waste gases. Combustion will generate harmful gases, as combustion residues and carbon monoxide.

5.3. Advice for firefighters

Breathing apparatus should be used in fire fighting. Full protective clothing must be worn.

Other Information:	Collect contaminated water from extinguishing fire. The water must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	If there is a risk of contact with the product wear rubbergloves and a protective suit. Avoid all skin and eye contact. 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

Stop the flow if it can be done without risk. Keep people away and warn of slippery ground. Cover drains. Minimize contamination of groundwater. If lakes, waterways or drains become contaminated, inform the environmental authorities.

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

Personal protective equipment: Refer to section 8. Avoid contact with eyes and skin. Washing and flushing facilities must be available.

7.2. Conditions for safe storage, including any incompatibilities

Keep the material away from oxidizing agents and strong acidic and alkaline substances. 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.

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: Contains no substances subject to reporting requirements.

Legal basis: EH40/2005 Workplace exposure limits incl. supplement from October 2007.

Biological threshold values: See above.

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, eye/face protection: Wear safety goggles/face protection.

Personal protective equipment, skin protection: Always use protective clothing.

Personal protective equipment, hand protection: Protective gloves (butyl rubber). Follow the glove manufacturer's recommendations on use and replacement.

Personal protective equipment, respiratory protection: Use respirators when the limit value is exceeded. See above.

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
Physical state	Liquid.
Colour	Colourless.
Odour	Characteristic odour.
Solubility	Miscible with water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	

Boiling point or initial boiling point and boiling range	No data	
Flammability		Irrelevant
Flammability limits		Irrelevant
Lower and upper explosion limit		Irrelevant
Flash Point	> 62 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	< 1	
Kinematic viscosity	No data	
Viscosity	10 Sec. 4 mm cup	
Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	No data	
Density	1.01 g/ml	
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

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

SECTION 10: Stability and reactivity

10.1. Reactivity

React exothermically on mixing with water and alcohol.

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 exothermic reactions, keep product away from oxidizing agents, UV sources, free radical initiators, strong basic materials and reactive metals. May cause corrosion damage to metals.

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

Oxalic acid, dihydrate, cas-no 6153-56-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		375 mg/kg bw			

Corrosive to mouth, digestive disorders / stomach. Provides strong burning pain and can cause breathing problems / consciousness etc. Can cause serious damage to internal organs.

Acute toxicity - dermal

Oxalic acid, dihydrate, cas-no 6153-56-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 20000 mg/kg bw			

Corrosive to the skin. Minor stains are burning and itching. The pure substance can cause deep tissue damage.

Acute toxicity - inhalation: Inhalation of vapors / aerosols is a strong irritant and may cause burns.

Skin corrosion/irritation: Chemical burns can occur up to several hours after contact with the product.

Serious eye damage/eye irritation: Splashes in the eyes causes burns with the risk of permanent damage.

Respiratory sensitisation or skin sensitisation: No known hazards.

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

Oxalic acid, dihydrate, cas-no 6153-56-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish		96 h	LC50	160 mg/l			
Acute Daphnia	Daphnia magna		EC50	162.2 mg/l		OECD 202	
Acute algae				80 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

No information available

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.

Product residues are classified as chemical waste.

Category of waste: EAK-Code : 06 02 05

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	3066	**14.4. Packing group:**	II
14.2. UN proper shipping name:	PAINT	**14.5. Environmental hazards:**	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	8		
Hazard label(s):	8		
Hazard identification number:	80	**Tunnel restriction code:**	E

Inland water ways transport (ADN)

14.1. UN number or ID number:	3066	**14.4. Packing group:**	II
14.2. UN proper shipping name:	PAINT	**14.5. Environmental hazards:**	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	8		
Hazard label(s):	8		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN number or ID number:	3066	**14.4. Packing group:**	II
14.2. UN proper shipping name:	PAINT	**14.5. Environmental hazards:**	The product is not a Marine Pollutant (MP).
14.3. Transport hazard class(es):	8	**Environmental Hazardous Substance Name(s):**	
Hazard label(s):	8		
EmS:	F-A, S-B	**IMDG Code segregation group:**	- None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number:	3066	**14.4. Packing group:**	II
14.2. UN proper shipping name:	PAINT	**14.5. Environmental hazards:**	The product should not be labelled as an environmental hazard (symbol: fish and tree).
14.3. Transport hazard class(es):	8		
Hazard label(s):	8		

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
10.0.0	02/02/2023	GK	1, 2, 3, 9, 11, 12, 13
9.0.0	02/03/2015	GK	2, 3, 8, 12, 14

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.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

Safety Data Sheet

FAXE Hardwood Lye 0284

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Country: EU