

Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

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

1.1. Product identifier

Trade name: FAXE Wood Oil Industrial 0276

Article no

Article no	Description
0276	

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

Recommended uses: Oil 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: Aquatic Chronic 4;H413

Most serious harmful effects: May cause long lasting harmful effects to aquatic life.

2.2. Label elements

Hazard statements

H413 May cause long lasting harmful effects to aquatic life.

VOC: This product contains a maximum of 488 g VOC/L. The limit value is 500 g VOC/L (cat. A/i)

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
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Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

2-methyldecane	90622-57-4 918-167-1 01-2119472146-39	25 - 50 %		Flam. Liq. 3;H226 Asp. Tox. 1;H304 Aquatic Chronic 4;H413
Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics	927-285-2 01-2119480162-45	10 - 25 %		Asp. Tox. 1;H304 EUH066
2-ethylhexanoic acid, zirconium salt	22464-99-9 245-018-1 01-2119979088-21	< 0.2 %		Repr. 2;H361d

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 the victim is unconscious, ascertain whether the victim is breathing. If breathing has stopped, apply artificial respiration. If the victim is unconscious but breathing, place in the recovery position and keep warm with blankets. Call for medical attention or ambulance.
- Ingestion:** Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!
- Skin contact:** Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Do not use solvents.
- 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.
- General:** If in doubt, seek medical advice. Also see para. 1

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

Headache, dizziness, drowsiness and nausea.

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: Fire can be extinguished with carbon dioxide, powder, foam or water spray.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

No specific.

5.3. Advice for firefighters

Cool closed containers with water. Fire will produce a thick black smoke. Products of combustion are harmful and respiratory protection is required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid inhalation of vapours. Remove all ignition sources and ensure sufficient ventilation. In case of accident use air-supplied respirators and nitrile gloves.

Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

For emergency responders: Use nitrile protection gloves and self-contained breathing apparatus.

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. Clean the contaminated area with a suitable cleaning agent, but do not use solvent.

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. Avoid inhaling vapors and spray mists. Personal protective equipment: Refer to section 8. Do not eat, drink, smoke or store tobacco, food or drink in work places or areas where there is a risk of contact with the product.

Contains drying oils. Risk of self-ignition. After spills and used cloths, etc. have been recovered, store in fireproof waste disposal containers before destroying.

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. Contains drying oils. Risk of self-ignition. After spills and used cloths, etc. have been recovered, store in fireproof waste disposal containers before destroying.

7.3. Specific end use(s)

Applications is mentioned in item 1.2.

Other Information: Smoking and the consumption of food and drink are not permitted in work rooms. 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/m ³	fiber/cm ³	Remarks	Comments
Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics	8h	25	180			
2-ethylhexanoic acid, zirconium salt	15m		10		Zr	
2-ethylhexanoic acid, zirconium salt	8h		5		Zr	

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

PNEC

Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

2-ethylhexanoic acid, zirconium salt, cas-no 22464-99-9				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater	0,36 mg/l			
Marine water	0,036 mg/l			
Freshwater - sediment	6,37 mg/kg			
Marine water - sediment	0,637 mg/kg			
Soil	1,06 mg/kg			

DNEL - workers

2-ethylhexanoic acid, zirconium salt, cas-no 22464-99-9					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	32,97 mg/m ³	Long-term exposure		Systemic effects	
Dermal	6,49 mg/kg	Long-term exposure		Systemic effects	

DNEL - general population

2-ethylhexanoic acid, zirconium salt, cas-no 22464-99-9					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Oral	4,51 mg/kg bw/day	Long-term exposure		Systemic effects	
Inhalation	8,13 mg/m ³	Long-term exposure		Systemic effects	
Dermal	3,25 mg/kg bw/day	Long-term exposure		Systemic effects	

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. If this is not possible, use respiratory protection.

Personal protective equipment, eye/face protection: No special precautions required.

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

Personal protective equipment, hand protection: Use nitrile protection gloves. A 15-mil thickness glove provides a 8 hour breakthrough-time. Follow the glove manufacturer's recommendations on use and replacement.

Personal protective equipment, respiratory protection: With insufficient ventilation use respirator with filter type A.

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid.
Colour	Colourless. White.
Odour	Odour of organic solvent.
Solubility	Not 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)	No data	
Flammability limits		

Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

Explosion limits	0.60 - 7	
Flash Point	> 62 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	> 20.5 mm ² /s /40°C	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	0.88 - 0.95 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		No information available
Oxidising properties		No information available
Fire class	III-1	
Weight % organic solvents	53	
VOC (G/liter)	488g/l	

Other Information: Solubility in water: Insoluble 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

Heat, flames and sparks. Direct sources of heat. Strong sunlight for prolonged periods.

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

carbon monoxide.

SECTION 11: Toxicological information

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

Acute toxicity - oral

2-methyldecane, cas-no 90622-57-4

Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

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

Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics, EC-no 927-285-2

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

Ingestion of large quantities may cause gastrointestinal disorders.

Acute toxicity - dermal

2-methyldecane, cas-no 90622-57-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000 mg/kg		OECD 402	
Rabbit	LD50		> 5000 mg/kg			

Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics, EC-no 927-285-2

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

Organic solvents have a degreasing effect on the skin.

Acute toxicity - inhalation

Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics, EC-no 927-285-2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	> 5 mg/l			

Inhalation of vapors may cause symptoms of poisoning such as memory and concentration difficulties, abnormal tiredness, irritability and, in extreme cases, unconsciousness.

Skin corrosion/irritation: Prolonged or repeated skin contact will degrease skin and may cause irritation.

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

Germ cell mutagenicity: Would not be expected germ cell mutagen

Carcinogenic properties: No information available

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

Single STOT exposure: No data.

Repeated STOT exposure: No data

Aspiration hazard: Are not classified with H304 for aspiration hazard due to the viscosity.

11.2. Information on other hazards

SECTION 12: Ecological information

12.1. Toxicity

2-methyldecane, cas-no 90622-57-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish	Onchorhynchus mykiss	96 h	LL0	1000 mg/l			
Acute algae	Pseudokirchneriella subcapitata	72 h	ELO	1000 mg/l			

Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

Acute algae	Pseudokirchneriella subcapitata	72 h	NOELR	1000 mg/l			
Acute Daphnia	Daphnia magna	48 h	EC50	> 1000 mg/l			
Acute daphnia	Daphnia magna	48 h	EC50	1000 mg/l			

Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics, EC-no 927-285-2

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish	Oncorhynchus mykiss	96 h	LL50	> 1000 mg/l			
Acute algae	Raphidocelis subcapitata	72 h	EL50	> 1000 mg/l			
Acute daphnia	#Not translated#	48 h		> 1000 mg/l			

No information available

12.2. Persistence and degradability

2-methyldecane, cas-no 90622-57-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d		31.3 %			

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

The product is insoluble in water and will spread out on the surface.

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

12.7. Other adverse effects

No information available

Other Information

Do not dispose of this product in drains, watercourses, or on the ground. This product is classified as hazardous to the environment according to the calculation method. Please see par. 2 and 3 for further information.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid release to the environment.

Product residues are classified as chemical waste. Contains drying oils. Risk of self-ignition. After spills and used cloths, etc. have been recovered, store in fireproof waste disposal containers before destroying.

Category of waste: Waste-code: 08 01 11 Waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.

14.4. Packing group:

Not applicable.

Safety Data Sheet

FAXE Wood Oil Industrial 0276

Replaces date: 08/03/2017

Revision date: 23/08/2017

Version: 7.0.0

14.2. UN proper shipping name:

Not applicable.

14.5. Environmental hazards:

Not applicable.

14.3. Transport hazard class(es):

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
7.0.0	23/08/2017	GK	4, 9
6.0.0	08/03/2017	GK	3, 8, 9, 11, 13
5.0.0	17/06/2015	GK	2, 3, 8, 11, 12

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

H226

Flammable liquid and vapour.

H304

May be fatal if swallowed and enters airways.

H361d

Suspected of damaging the unborn child.

H413

May cause long lasting harmful effects to aquatic life.

Supplemental hazard information

EUH066

Repeated exposure may cause skin dryness or cracking.

Safety Data Sheet

FAXE Wood Oil Industrial 0276

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