

Safety Data Sheet

FAXE Combicolor 0298

Replaces date: 29/08/2013

Revision date: 05/05/2015

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

1.1. Product identifier

Trade name: FAXE Combicolor 0298

Article no

Article no	Description
0298	

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

Recommended uses: Tinting of oil, varnish, etc.

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: Esbjerg Farve- & Lakfabrik A/S

Address: Energivej 13

Zip code: DK-6700 Esbjerg

Country: DENMARK

E-mail: info@esbjergpaints.dk

Phone: 0045 75 12 86 00

Fax: 0045 75 45 33 68

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

2.2. Label elements

Precautionary statements

P102 Keep out of reach of children.

2.3. Other hazards

No known information.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
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Propane-1,2-diol	57-55-6		01-2119456809-23	< 60%		
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Please see section 16 for the full text of R-phrases and H-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.
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 water (preferably using eye wash equipment) for at least 5 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: Fire-fighting 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 fire-fighters

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. In case of accident use air-supplied respirators and nitrile gloves.
For emergency responders:	Use nitrile protection gloves and self-contained breathing apparatus.

6.2. Environmental precautions

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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.

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.

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/m3	Comment	Remarks
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	

PNEC

Propane-1,2-diol				
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			

DNEL - workers

Propane-1,2-diol					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	186 mg/m3	Long-term exposure		Systemic effects	

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Inhalation	10 mg/m ³	Long-term exposure		Local effects	
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DNEL - general population

Propane-1,2-diol					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	50 mg/m ³	Long-term exposure		Systemic effects	
Inhalation	10 mg/m ³	Long-term exposure		Local effects	

Biological threshold values: 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. If this is not possible, use respiratory protection.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

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

Personal protective equipment, skin protection: Use suitable protective clothing, as necessary.

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	Different.
Odour	Odour of organic solvent.
Solubility	Not miscible with water.
Explosive properties	No information available
Oxidising properties	No information available

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	> 100 °C	
Evaporation rate	No data	
Flammability (solid, gas)		Irrelevant
Flammability limits		Irrelevant
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	

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Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	1.50 - 2.50 g/ml	
Fire class	III-1	
Weight % organic solvents	< 60	
VOC	1500	

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 toxicological effects

Acute toxicity - oral

Propane-1,2-diol

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

Ingestion of large quantities may cause gastrointestinal disorders.

Acute toxicity - dermal: Organic solvents have a degreasing effect on the skin.

Acute toxicity - inhalation

Propane-1,2-diol

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LC50	2 h	> 317mg/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 decrease 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: May cause drowsiness or dizziness.

Aspiration hazard: can be fatal if swallowed.

Other toxicological effects

Propane-1,2-diol

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

SECTION 12: Ecological information

12.1. Toxicity

Propane-1,2-diol

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

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

12.6. 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

Product residues are classified as chemical waste.

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-No.:	Not applicable.	14.4. Packing group:	Not applicable.
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. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

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
5.0.0	16/08/2012	GK	REACH datasheet
6.0.0	25/06/2013	GK	3, 8, 11, 12
7.0.0	29/08/2013	GK	1, 3, 8, 12, 13, 15, 16
8.0.0	05/05/2015	GK	2, 4, 11

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

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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. DPD: Directive of the European Parliament and of the Council concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations. 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.

Document language:

GB