

# SAFETY DATA SHEET

## Faxe High Solid Micro Oil

Last changed: 20/08/2013

Replaces date: 07/05/2013

Internal No. 0178

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

#### 1.1. Product identifier

Trade name Faxe High Solid Micro Oil

#### 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.

| Application Area No. | Application Area |
|----------------------|------------------|
| 22                   | Wood             |

| Internal Article No. | Internal Name     |
|----------------------|-------------------|
| 0178                 | Faxe H.S. M. Olie |

#### 1.3. Details of the supplier of the safety data sheet

##### NATIONAL MANUFACTURER/IMPORTER

Enterprise Esbjerg Farve- & Lakfabrik A/S  
Address Energivej 13  
Postal code DK-6700 Esbjerg  
Country Danmark  
Email info@esbjergpaints.dk  
Internet www.esbjergpaints.dk  
Tel 0045 75 12 86 00  
Fax 0045 75 45 33 68

#### 1.4. Emergency telephone number

| Emergency Phone    | Type of assistance  | Opening Hours    |
|--------------------|---------------------|------------------|
| GB: +44 1215074123 | Advice and guidance | Around the clock |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

DPD Classification: R52/53

Most serious harmful effects:: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

| R-phrases  |
|--|
| R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

| S-PHRASES  |
|--|
| S61 Avoid release to the environment. Refer to special instructions/safety data sheet. |

#### OTHER LABELLING PHRASES

Contains Cobaltoctoate. May cause allergic reactions.

#### VOC

EU limit value for this product (cat A/i): 600 g/l (2007). 500 g/l (2010). This product contains max 48 g/l VOC.

#### 2.3. Other hazards

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No known information.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

| Ingredient name                             | Reg. no.         | EC No.    | CAS No.    | Conc. (wt%) | DPD-Classification      | CLP-classification  |
|---|------------------|-----------|------------|-------------|-------------------------|---|
| Distillates (petroleum), hydrotreated light |                  | 265-149-8 | 64742-47-8 | 2 - 5 %     | Xn,R65 - R66            | Asp. Tox. 1 H304  |
| Cobalt bis(2-ethylhexanoate)                | 01-2119524678-29 | 270-066-5 | 136-52-7   | < 0,50 %    | Xn,N,R62 - R43 - R50/53 | Eye Irrit. 2 H319<br>Skin Sens. 1 H317<br>Repr. 2 H361f<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 |

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

### 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

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.

##### EYES

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. May cause chemical pneumonia if vomiting.

#### 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.

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### 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

#### PERSONAL PRECAUTIONS

Avoid inhalation of vapours.

#### FOR NON-EMERGENCY PERSONNEL

Remove all ignition sources and ensure sufficient ventilation. 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

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

#### METHODS AND MATERIAL

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)

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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

#### ENV.NORM

##### Cobalt bis(2-ethylhexanoate)

| Test type | Value                 | Exposure scenario  |
|-----------|-----------------------|--|
| DNEL      | 55,8 µg/kg bw/day     | General population - Long-term exposure - systemic effects - Oral    |
| DNEL      | 37 µg/m <sup>3</sup>  | General population - Long-term exposure - local effects - Inhalation |
| DNEL      | 235 µg/m <sup>3</sup> | Workers - Long-term exposure - local effects - Inhalation            |
| PNEC      | 2,9 mg/kg             | Soil   |
| PNEC      | 11,2 mg/Kg            | Freshwater - sediment  |
| PNEC      | 2,36 µg/L             | Marine water   |

### OTHER INFORMATION REGARDING LIMIT VALUES AND MONITORING

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.

#### EYE PROTECTION

No special precautions required.

#### SKIN PROTECTION

If possible, wear special work clothes. When spraying wear coveralls.

#### 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.

#### RESPIRATORY PROTECTION

If application is done by brushing, there are no demands.

#### LIMITATION OF ENVIRONMENTAL EXPOSURE

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

|                      |                           |
|----------------------|---------------------------|
| STATE                | Liquid.                   |
| COLOUR               | Different                 |
| ODOUR                | Odour of organic solvent. |
| SOLUBILITY           | Not miscible with water.  |
| EXPLOSIVE PROPERTIES | No information available  |
| OXIDISING PROPERTIES | No information available  |

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**SOLUBILITY IN WATER** Insoluble in water.

**FAT SOLUBILITY** irrelevant

| Parameter                               | Value/unit | Method/reference | Observation |
|---|------------|------------------|-------------|
| pH (concentrate)                        | No data    |                  | 1)          |
| pH (solution for use)                   | No data    |                  | 2)          |
| Melting point                           | No data    |                  | 3)          |
| Freezing point                          | No data    |                  |             |
| Initial boiling point and boiling range | No data    |                  |             |
| Flash point                             | > 62 °C    |                  |             |
| Evaporation rate                        | No data    |                  |             |
| Flammability (solid, gas)               | No data    |                  |             |
| Flammability limits                     | No data    |                  |             |
| Explosion limits                        | 0,6 - 7 %  |                  |             |
| Vapour pressure                         | No data    |                  |             |
| Vapour density                          | No data    |                  |             |
| Relative density                        | No data    |                  |             |
| Partition coefficient                   | No data    |                  |             |
| Auto-ignition temperature               | No data    |                  |             |
| Decomposition temperature               | No data    |                  |             |
| Viscosity                               | 30 - 60 s  | 4 mm cup         |             |

### 9.2. Other information

| Parameter                 | Value/unit               | Method/reference | Observation |
|---------------------------|--------------------------|------------------|-------------|
| Density                   | ~ 0,96 g/cm <sup>3</sup> |                  |             |
| VOC                       | 48 g/l                   |                  |             |
| Fire class                | III-1                    |                  |             |
| Weight % organic solvents | 5                        |                  |             |

| Note no. | Comments   |
|----------|------------|
| 1        | irrelevant |
| 2        | irrelevant |
| 3        | 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.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Distillates (petroleum), hydrotreated light

| Route of exposure | Exposure time | Value/unit    | Result | Species | Source | Test method |
|-------------------|---------------|---------------|--------|---------|--------|-------------|
| LD50 (Dermal)     |               | > 3160 mg/kg  |        |         |        |             |
| LD50 (Oral)       |               | > 15000 mg/kg |        |         |        |             |

##### Cobalt bis(2-ethylhexanoate)

| Route of exposure | Exposure time | Value/unit | Result | Species | Source | Test method |
|-------------------|---------------|------------|--------|---------|--------|-------------|
| LD50 (Oral)       |               | 2528 mg/kg |        | Rat     |        |             |

#### Acute toxicity - oral

Aspiration during vomiting or ingestion may cause chemical pneumonia. Ingestion of large quantities may cause gastrointestinal disorders.

#### Acute toxicity - dermal

Organic solvents have a degreasing effect on the skin.

#### Acute toxicity - inhalation

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.

#### Respiratory sensitisation or skin sensitisation

Would not be expected to be a respiratory sensitizer.

#### Germ cell mutagenicity

Would not be expected germ cell mutagen

#### Carcinogenic properties

No data

#### Reproductive toxicity

Would not be expected to be a reproductive toxicant.

#### Aspiration hazard

can be fatal if swallowed.

### SECTION 12: Ecological information

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### 12.1. Toxicity

#### Cobalt bis(2-ethylhexanoate)

| Route of exposure  | Exposure time | Value/unit | Result | Species | Source | Test method |
|--------------------|---------------|------------|--------|---------|--------|-------------|
| IC50 (Acute algae) | 72 h          | 528 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

Insoluble in water.

### 12.5. Results of PBT and vPvB assessment

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. 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

#### GENERAL REGULATIONS

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

Classified as Dangerous Goods: No

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### Land transport (ADR/RID)

|                                  |                |                             |                |
|----------------------------------|----------------|-----------------------------|----------------|
| 14.1. UN number                  | 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 |                             |                |
| Hazard label(s)                  | Not applicable |                             |                |
| Hazard identification number     | Not applicable | Tunnel restriction code     | Not applicable |

### Inland water ways transport (ADN)

|                                      |                |                             |                |
|--------------------------------------|----------------|-----------------------------|----------------|
| 14.1. UN number                      | 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 |                             |                |
| Hazard label(s)                      | Not applicable |                             |                |
| Environmental hazard in tank vessels | Not applicable |                             |                |

### Sea transport (IMDG)

|                                       |                |                             |                |
|---------------------------------------|----------------|-----------------------------|----------------|
| 14.1. UN number                       | 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 |                             |                |
| Hazard label(s)                       | Not applicable |                             |                |
| Sub Risk:                             | Not applicable |                             |                |
| IMDG Code segregation group           | Not applicable |                             |                |
| Marine pollutant                      | Not applicable |                             |                |
| Substance name(s) on marine pollutant | Not applicable |                             |                |
| EMS:                                  | Not applicable |                             |                |



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### Air transport (ICAO-TI / IATA-DGR)

|   |                |                            |                |
|---|----------------|----------------------------|----------------|
| <b>14.1. UN number</b>                  | Not applicable | <b>14.4. Packing group</b> | Not applicable |
| <b>14.2. UN proper shipping name</b>    | Not applicable |                            |                |
| <b>14.3. Transport hazard class(es)</b> | Not applicable |                            |                |
| <b>Hazard label(s)</b>                  | 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

#### OTHER REGULATORY INFORMATION

No known

### 15.2. Chemical safety assessment

#### OTHER INFORMATION

Chemical safety assessment has not been performed.

## SECTION 16: Other information

### Indication of changes

ISSUED: 01/01/2003

### Indication of changes

| Version | Rev. date  | Responsible | Changes                    |
|---------|------------|-------------|----------------------------|
| 12.0.0  | 07/05/2013 | GK          | REACH data sheet           |
| 13.0.0  | 20/08/2013 | GK          | Item 2, 3, 7, 8, 9, 12, 16 |

## ABBREVIATIONS

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

## Information 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.

## REFERENCES FOR ADDITIONAL 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.

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### LIST OF RELEVANT R-PHRASES

|        |  |
|--------|--|
| R43    | May cause sensitisation by skin contact.   |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.    |
| R62    | Possible risk of impaired fertility.   |
| R65    | Harmful: may cause lung damage if swallowed.   |
| R66    | Repeated exposure may cause skin dryness or cracking.  |

### LIST OF RELEVANT H-STATEMENTS

|       |  |
|-------|--|
| H226  | Flammable liquid and vapour.                                       |
| H304  | May be fatal if swallowed and enters airways.                      |
| H317  | May cause an allergic skin reaction.                               |
| H319  | Causes serious eye irritation.                                     |
| H361f | Suspected of damaging fertility.                                   |
| H373  | May cause damage to organs through prolonged or repeated exposure. |
| H400  | Very toxic to aquatic life.  |
| H410  | Very toxic to aquatic life with long lasting effects.              |

### 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.

### OTHER INFORMATION

The Material Safety Data Sheet may only be reproduced with the permission of the manufacturer.