

Date of issue: 13.04.2012 Replaces Data Sheet of: 14.06.2011

"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



1 Identification of Substance / Preparation and Company

Identification of Substance or Preparation

Trade Name: Faceal Oleo HD

Use: Impregnation, A surface oil and water repellent and graffiti protection for porous building materials
(See product bulletin for detailed information)

Company / Undertaking Identification

Address of the Company / Undertaking:

PSS INTERSERVICE Ltd., P.O. Box 315, Poststr. 1, 8954 Geroldswil, Switzerland

Telephone: +41 44 749 24 24, Fax: +41 44 749 24 25

Contact person: Mr. Buchli; eMail: info@pss-technology.com

Responsible:

CHEMCO123 @ - Chemical Consultancy, graduate chemist, Rosemarie Fechner, ☎ + 49 5254 9575 05,
eMail: info@chemco123.de

Emergency - Telephone

Swiss Toxicological

Information Centre:

Telephone: +41 44 251 51 51

Emergency – Telephone

of Company / Undertaking:

Telephone: +41 44 749 24 24

2 Hazards Identification

For Humans:

Classification:

The product does not need to be labelled.

*

Additional advice:

Repeated or prolonged exposure may cause irritation of eyes and skin. Suspected of damaging fertility or the unborn child .

For the Environment:

Slightly water endangering.

3 Composition / Information on Ingredients

Chemical Characterisation:

Aqueous polymer suspension

Dangerous Ingredients:

No. - CAS	No. - Index	No. - CE	Substance	Gamme (m%)	Symbole	Phrases - R
2687-91-4	Aucune.	220-250-6	1-ethylpyrrolidine-2-one	1 < C< 3 %	Xn	R41-63
No. - CAS	No. - Index	No. - CE	Substance	Gamme (m%)	pictogram	Phrases - H
2687-91-4	Aucune.	220-250-6	1-ethylpyrrolidine-2-one	1 < C< 3 %	GHS05, GHS08 (danger)	H318; H361

Remarks:

Classification and labelling of a product is indicated under item 15.

Exposure Controls / Personal Protection under item 8

R -phrase(s) under item 16



1-ethylpyrrolidine-2-one

Eye dam. 1 H318, Repr. 2, H361

4 First Aid Measures

General advice:

Show this safety data sheet to the doctor in attendance.

Inhalation:

Move to fresh air.

If there are symptoms, call a physician.

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Wash off with soap and plenty of water.

If skin irritation persists, call a physician.

Eye Contact:

Immediately flush eye(s) with plenty of water.

If eye irritation persists, consult a specialist.

Ingestion:

Clean mouth with water and drink afterwards plenty of water.

If there are symptoms, call a physician.

Note to Physician:

Treat symptomatically.

Special Equipment:

None.

5 Fire Fighting Measures:**Suitable Extinguishing Media:**

The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing Media to Avoid: None.**Fire and Explosion Hazards:**

Fire may cause to evolve: Carbon oxides and thermal decomposition decomposition products of fluorinated polymers:

Additional Information: None.**Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus.

Wear full protective clothing.

6 Accidental Release Measures**Personal Precautions:**

See Personal Protective Equipment.

Contaminated surfaces will be extremely slippery. Soak up with inert absorbent material.

Avoid contact with skin and eyes. Do not breathe vapours or spray mist.

Environmental Precautions and Methods for Cleaning up:

Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

Further Information:

Use personal protective equipment.

7 Handling and Storage**Handling****Precautions for Safe Handling:**

Handle in accordance with good industrial hygiene and safety practice.

Precautions in Case of Fire and Explosion:

No special protective measures against fire required. Normal measures for preventive fire protection.

Storage**Storage Instructions:**

No special storage conditions required.

Store away from:

None.

Further Information on Storage Conditions:

Keep at temperatures above 0 °C.

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Provide personal protective equipment. Use only in well ventilated areas.

Exposure Limits:**CAS / Material** **Limit Value according to TRGS 900/ EC Guidline 2000/39:****Personal Protective Equipment****General Protection and Hygiene:**

Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke.

Respiratory Protection: No personal respiratory protective equipment normally required.
In the case of mist spray exposure wear suitable personal respiratory protection.
Respirator with combination filter for vapour/particulate.
Refer to manufacturer / supplier for further information.

Preventive Hand Protection:

Excessive exposure: Use protective gloves according to EN 374. (nitrile - butylrubber).
Break through time: > 480 Min. Glove thickness: 0,7 mm.

Short time exposure: Use protective gloves according to EN 374. (nitrile - butylrubber).
Break through time: > 30 Min. Glove thickness: 0,4 mm.
Refer to manufacturer of gloves for detailed information.

Eye Protection: Tightly fitting safety goggles.

Skin Protection: Long sleeved clothing

Further Information: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9 Physical and Chemical Properties**Appearance****Form:** liquid**Colour:** colourless**Odour:** none**Safety Relevant Data**

pH-value, undiluted:	4 - 5
Boiling point / Boiling - range (°C):	~ 100
Melting point / Melting range (°C):	~ 0
Flash point (°C):	not applicable
Flammability:	not applicable
Ignition temperature (°C):	not applicable
Autoflammability:	not applicable
Oxidising properties:	not applicable
Explosion hazard:	not applicable
Explosion limits (Vol.%) lower:	not applicable, upper: not applicable
Vapour pressure:	similar to water
Density (g/ml):	1,01
Solubility (in Water):	moderately soluble
Partition coefficient, n-Octanol/Water:	no data available
Viscosity:	no data available
Solvent separation test:	no data available
* Solvent content (m %):	2
* VOC – Content (g / kg):	20
Fat solubility:	not applicable

Further Data

Thermal decomposition (°C): no data available

Vapour density (Air = 1): no data available

Evaporation rate: no data available

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Conditions to Avoid:	Stable at normal conditions.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	None.
Further Information:	None.

11 Toxicological Information**Toxicological Tests:****Acute Health Effects:**Inhalation, LC₅₀ rat, (mg/l/4h): no data availableIngestion, LD₅₀ rat, (mg/kg): > 2000Skin - contact, LD₅₀ rat, (mg/kg): no data available

Irritation (to skin / eye): Repeated or prolonged exposure may cause irritation of eyes and skin.

Sensitisation: None known

* **Acute Health Effects 1-ethylpyrrolidine-2-one:**Inhalation, LC₅₀ rat, (mg/l/4h): > 5.1 mg/l / 4 h (OECD Guideline 403)Ingestion, LD₅₀ rat, (mg/kg): ~ 3200Skin - contact, LD₅₀ rat, (mg/kg): > 2,000 mg/kg (OECD Guideline 402)**Subacute / Chronic Toxicity:**

Carcinogenicity: None known

Mutagenicity: None known

Teratogenicity: None.

Narcotic Effects: None.

* **Subacute / Chronic Toxicity 1-ethylpyrrolidine-2-one:**

Carcinogenicity: None known

Mutagenicity / Teratogenicity Suspected of damaging fertility or the unborn child .

12 Environmental Information**Elimination (Persistence and Degradability):**

Can be eliminated from water by flocculation.

Behaviour in Sewage Works:

Mobility and Accumulation Potential:

Does not bioaccumulate

Ecotoxic Effects, Aquatic Toxicity:

Slightly water endangering.

Other Ecological Information

COD-Value, mg/g: no data available

BOD₅-Value, mg/g: no data available

AOX-Remarks: Product does not contain any organic halogens.

Persistent, bioaccumulative and toxic substances (PBT-substances): C < 0,015 %.

Very persistent and very bioaccumulative substances (vPvB-substances): None.

13 Disposal Considerations**Residues**

Recommendation: D1 / D10

Waste - Code - No.: 08 02 99 – Waste, n.o.s.

In addition comply with the regional authorities.

Safe Handling: See item 7 and 15.

Contaminated Packaging

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.

Safe Handling: As described under Residues.

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Transportation by Road or Railway according to ADR/GGVS and RID/GGVE

Classification for Transportation by Vessels according to IMDG/GGVSee

Classification for Transportation by Aeroplane according to IATA-DGR/ICAO-TI

Remarks: Not classified as dangerous in the meaning of transport regulations.**15 Regulatory Information****Classification:**

Classification of the preparation has been done by calculation in accordance with directive 1999/45/EC.

The product does not need to be labelled

Further EC – regulations:*Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.*
not applicable**16 Other Information*****R-phrase(s):**

R41 - Risk of serious damage to eyes.

R63 - Possible risk of harm to the unborn child.

*** H-phrase(s):**

H318 - Causes serious eye damage.

H361 - Suspected of damaging fertility or the unborn child .

Further information to work out the Data sheet:

Data of the producer.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible.

They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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