

Date of issue: 21.07.2005 Replaces Data Sheet of : 05.04.2004

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



1 Identification of Substance / Preparation and Company

1.1 Identification of Substance or Preparation

Trade Name : **Faceal Oleo NC**

Use : Impregnation

1.2 Company / Undertaking Identification

1.2.1 Address of the Company / Undertaking :

PSS INTERSERVICE Ltd., CH - 8954 Geroldswil, Rebbergstr. 10, P.O. Box

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

1.2.2 Responsible :

CHEMCO, Dipl. - Chemikerin R. Fechner, ☎ +49-5254-9575-05

1.3 Emergency - Telephone

Swiss Toxicological Information Centre: ++41-44-251 51 51

Emergency - Telephone of Company / Undertaking: ++41-44-749 24 24

2 Composition / Information on Ingredients

2.1 Chemical Characterisation:

Aqueous emulsion of isopropanol containing modified telomers

2.2 Dangerous Ingredients:

CAS - No.	Index - No.	EEC - No.	Material	m% - range	Symbol	R - phrases
67-63-0	603-117-00-0	200-661-7	Propan-2-ol	1 - 5 %	F, Xi	R 11-36-67

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

3 Hazards Identification

3.1 For Humans (additional information is given under item 11) :

3.1.1 Classification :

The product does not need to be labelled in accordance with EC directives or respective national laws.

3.1.2 Additional advice :

May cause eye irritation with susceptible persons.

3.2 For the Environment :

Slightly water endangering.

3.3 For Materials:

None.

4 First Aid Measures

4.1 Inhalation:

Move to fresh air.

If there are symptoms, call a physician.

4.2 Skin Contact :

Wash off with soap and plenty of water.

4.3 Eye Contact :

Immediately flush eye(s) with plenty of water.

If irritation persists, call a physician.

4.4 Ingestion :

Clean mouth with water and drink afterwards plenty of water.

If there are symptoms, call a physician.

4.5 Note to Physician:

Treat symptomatically.

4.6 Special Equipment:

None.

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5 Fire Fighting Measures :

- 5.1 **Suitable Extinguishing Media :**
 The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 5.2 **Extinguishing Media to Avoid :** None.
- 5.3 **Fire and Explosion Hazards :**
 Fire may cause to evolve : Carbon oxides, oxides of phosphorus and nitrogen oxides.
- 5.4 **Additional Information :** None.
- 5.5 **Special Protective Equipment :**
 Wear positive pressure self-contained breathing apparatus.
 Wear full protective clothing.

6 Accidental Release Measures

- 6.1 **Personal Precautions :**
 See No. 8.3 Personal Protective Equipment.
 Contaminated surfaces will be extremely slippery. Sweep up to prevent slipping hazard. Avoid contact with eyes.
 * Do not breathe vapours or spray mist.
- 6.2 **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 (e.g. sand, silica gel, universal binder).
 Take up mechanically and collect in suitable container for disposal.
 Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.
- 6.3 **Further Information :** None.

7 Handling and Storage (For national regulations refer to item 15.2)

- 7.1 **Handling**
- 7.1.1 **Precautions for Safe Handling :**
 Handle in accordance with good industrial hygiene and safety practice.
- 7.1.2 **Precautions in Case of Fire and Explosion :**
 No special protective measures against fire required. Normal measures for preventive fire protection.
- 7.2 **Storage**
- 7.2.1 **Storage Instructions :**
 No special storage conditions required.
- 7.2.2 **Store away from :**
 None.
- 7.2.3 **Further Information on Storage Conditions :**
 Keep at temperatures above 0 °C.
- 7.2.4 **Storage Class :** 12 (VCI - Concept)

8 Exposure Controls and Personal Protection

- 8.1 **Information on System Design :**
 * Provide personal protective equipment. Use only in well ventilated areas.
- 8.2 **Exposure Limits:**
- 8.2.1 **CAS / Material** **Limit Value according to TRGS 900/ EEC Guidline 2000/39:**
 67-63-0 / Propan-2-ol **500 mg /m³, Y**
- 8.3 **Personal Protective Equipment**
- 8.3.1 **General Protection and Hygiene :**
 * Do not breathe vapours or spray mist.. Avoid contact with eyes. Take off all contaminated clothing immediately.
 When using, do not eat, drink or smoke.
- 8.3.2 **Respiratory Protection :** Not required
- 8.3.3 **Hand Protection :** In case of prolonged skin contact use nitrile-butyl rubber gloves.
 Break through time : Refer to manufacturer/supplier for information.
- 8.3.4 **Eye Protection :** Safety glasses
- 8.3.5 **Skin Protection :** Long sleeved clothing
- 8.3.6 **Further Information :** None.

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9 Physical and Chemical Properties

9.1	Appearance		
9.1.1	Form : liquid	9.1.2 Colour : mild amber	9.1.3 Odour : mild alcoholic
9.2	Safety Relevant Data		
9.2.1	pH-value, undiluted :	neutral to weakly alkaline	
9.2.2	Boiling point / Boiling - range (°C) :	similar to water, Melting point / Melting range (°C) : similar to water	
9.2.3	Flash point (°C, c.c.) :	not applicable	
9.2.4	Flammability (EEC A10/A13) :	not applicable	
9.2.5	Ignition temperature (°C) :	not applicable	
9.2.6	Autoflammability (EEC A16) :	not applicable	
9.2.7	Oxidising properties :	not applicable	
9.2.8	Explosion hazard :	not applicable	
9.2.9	Explosion limits (Vol.%) lower :	not applicable, upper : not applicable	
9.2.10	Vapour pressure :	similar to water	
9.2.11	Density (g/ml) :	no data available	
9.2.12	Solubility (in Water) :	moderately soluble	
9.2.13	Partition coefficient, n-Octanol/Water :	no data available	
9.2.14	Viscosity :	no data available	
9.2.15	Solvent separation test :	no data available	
9.2.16	Solvent content (m %) :	< 5 %	
9.2.17	Fat solubility :	not applicable	
9.3	Further Data		
9.3.1	Thermal decomposition (°C) :	no data available	
9.3.2	Vapour density (Air = 1) :	no data available	
9.3.3	Evaporation rate :	no data available	

10 Stability and Reactivity

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

11 Toxicological Information

11.1	Toxicological Tests :	
11.1.1	Acute Health Effects :	
	Inhalation, LC ₅₀ rat, (mg/l/4h) :	no data available
	Ingestion, LD ₅₀ rat, (mg/kg) :	> 2000
	Skin - contact, LD ₅₀ rat, (mg/kg) :	no data available
	Irritation (to skin / eye) :	May cause eye irritation with susceptible persons.
	Sensitisation :	None known
11.1.2	Subacute / Chronic Toxicity :	
	Carcinogenicity :	None known
	Mutagenicity :	None known
	Teratogenicity :	There is no reason to fear a risk when the exposure limit is adhered to.
	Narcotic Effects :	None known
11.2	Practical Experience	
11.2.1	Observations relevant for classification :	
	None.	
11.2.2	Further Observations :	
	None.	
11.3	General Remarks :	
	Classification of the preparation has been done by calculation in accordance with EEC directives.	

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12 Ecological Information

12.1 Elimination (Persistence and Degradability) :

Can be eliminated from water by flocculation.

12.2 Behaviour in Sewage Works :

Mobility and Accumulation Potential :

Does not bioaccumulate

12.3 Ecotoxic Effects, Aquatic Toxicity :

Slightly water endangering.

12.4 Other Ecological Information

12.4.1 COD-Value, mg/g : no data available

12.4.2 BOD₅-Value, mg/g : no data available

12.4.3 AOX-Remarks : not applicable

12.4.4 Significant Components : None.

13 Disposal Considerations (For national Regulations refer to item 15.)

13.1 Residues

13.1.1 Recommendation : D1 / D10

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

In addition comply with the regional authorities.

13.1.2 Safe Handling: See item 7 and 15.

13.2 Contaminated Packaging

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

13.2.2 Safe Handling : As described under Residues.

14 Transport Information

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

Remarks : Not dangerous goods

Class :

Classification :

Packing Group :

Instructions for Transportation in Tanks : Hazard-No. :

UN-No. :

14.1.1 Instruction Concerning Shipper's Declaration and Packaging :

Volume or Mass

Description of Goods

Risklabel Packing - Code or marginal

14.1.2 Listed Cargo as per Appendix B.8 :

14.1.3 Additional Designation in the Shipper's Declaration :

Inscription on Packaging :

14.2 Classification for Transportation by Inland-Navigation according to ADNO/GGVBinSch

Remarks : Classification has not been done.

Class : Division : Category :

14.2.1 Description of Goods :

14.2.2 Remarks :

14.3 Classification for Transportation by Vessels according to IMDG/GGVSee

Remarks : Not dangerous goods

Class : UN-No. :

Packing Group :

14.3.1 EmS – Fire / Leak :

MFAG-Table :

14.3.2 Marine Pollutant :

14.3.3 Instruction for Declaration and Labelling :

(Packing sizes with possible exemptions not considered)

Proper Shipping Name :

Risk Label :

14.3.4 Remarks :

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14.4 Classification for Transportation by Aeroplane according to IATA-DGR/ICAO-TI**Remarks : Not dangerous goods**

Class : UN-No. : Packing Group :

14.4.1 Instruction for Declaration and Labelling :

(Packing sizes with possible exemptions not considered)

Proper Shipping Name :**Risk Label :**

Packing Instructions, Passenger : Cargo :

14.4.2 Remarks :**15 Regulatory Information****15.1 Classification according to EEC-Regulations :**

Classification required by EEC :

The product does not need to be labelled in accordance with EC directives or respective national laws.

Applicable Exemptions :

Hazard Identification :

Hazard Symbol(s) :

Component(s) :

R-Phrases :

S-Phrases :

Additional Markings :

Use biocides safely. Always read the label and product information before use.

15.1.1 The above mentioned classification is valid for distribution to professional use.

Labelling (formats, exemptions, additional markings) has to be done according to respective regulations.

16 Other Information**R-phrase(s) :**

The product does not need to be labelled in accordance with EC directives or respective national laws.

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 (1999/45/EC and 2004/73/EC) 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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