

Date of issue: 15.09.2006 Replaces Data Sheet of : 19.01.2005

"***" alterations as compared to previous version



1 Identification of Substance / Preparation and Company

1.1 Identification of Substance or Preparation

Trade Name : **Faceal Step Safe**

Use : Product against slipping hazard.

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 solution of chemicals

2.2 Dangerous Ingredients:

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R - phrases
7664-38-2	015-011-00-6	231-633-2	Phosphoric Acid	< 5 %	C	R 34

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 :

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 of susceptible persons. Prolonged skin contact may cause skin irritation.

3.2 For the Environment :

Slightly water contaminating.

3.3 For Materials:

None known

4 First Aid Measures

4.1 Inhalation:

Move to fresh air.

If symptoms persist, call a physician.

4.2 Skin Contact :

Wash off with soap and water.

If skin irritation persists, call a physician.

4.3 Eye Contact :

Flush eye(s) immediately with plenty of water.

If eye irritation persists, consult a specialist.

4.4 Ingestion :

Do not induce vomiting. Clean mouth with water and drink afterwards plenty of water.

Consult a physician.

4.5 Note to Physician:

None

4.6 Special Equipment:

None

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5 Fire Fighting Measures

- 5.1 **Suitable Extinguishing Media :** Water, foam, carbon dioxide.
 5.2 **Extinguishing Media to Avoid :** None
 5.3 **Fire and Explosion Hazards :**
 Fire may cause to evolve : Oxides of phosphorus, carbon 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.
 None
 6.2 **Environmental Precautions and Methods for Cleaning up :**
 Do not flush into surface water or sanitary sewer system. Soak up with inert absorbent material. Contact the proper local authorities. Can be disposed of as a solid waste or burned in a suitable installation.
 6.3 **Further Information :** Use personal protective equipment.

7 Handling and Storage

- 7.1 **Handling**
 7.1.1 **Precautions for Safe Handling :**
 Avoid contact with skin and eyes. After use: Keep container tightly closed.
 7.1.2 **Precautions in Case of Fire and Explosion :**
 No special protective measures against fire required.
 7.2 **Storage**
 7.2.1 **Storage Instructions :**
 No special storage conditions required.
 7.2.2 **Store away from :**
 Incompatible with strong bases.
 7.2.3 **Further Information on Storage Conditions :**
 Keep at temperatures above 5 °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.
 8.2 **Exposure Limits:**
 8.2.1 **CAS / Material** **Limit Value according to TRGS 900/ EC Guideline 2000/39:**
 8.3 **Personal Protective Equipment**
 8.3.1 **General Protection and Hygiene :**
 When using do not eat or drink. Avoid contact with the skin and the eyes.
 Take off all contaminated clothing immediately.
 8.3.2 **Respiratory Protection :** Not applicable
 8.3.3 **Hand Protection :** Latex gloves
 8.3.4 **Eye Protection :** Safety glasses
 8.3.5 **Skin Protection :** Not applicable
 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 : colourless	9.1.3 Odour : pleasant
9.2	Safety Relevant Data		
9.2.1	pH-value, undiluted :	3,	pH-value, 1% aqueous solution : no data available
9.2.2	Boiling point / Boiling - range (°C) :	~ 100,	Melting point / Melting range (°C) : no data available
9.2.3	Flash point (°C, c.c.) :		no data available
9.2.4	Flammability (EC A10/A13) :		no data available
9.2.5	Ignition temperature (°C) :		no data available
9.2.6	Autoflammability (EC 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 :		no data available
9.2.11	Density (g/ml) :	1,03	
9.2.12	Solubility (in Water) :		completely soluble
9.2.13	Partition coefficient, n-Octanol/Water :		no data available
9.2.14	Viscosity :		50 mPas
9.2.15	Solvent separation test :		no data available
9.2.16	Solvent content (m %) :		no data available
9.2.17	Fat solubility :		no data available
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 :	No conditions to be specially mentioned.
10.2	Materials to Avoid :	No materials to be specially mentioned.
10.3	Hazardous Decomposition Products :	No decomposition if used as directed.
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) :	no data available
	Skin - contact, LD ₅₀ rat, (mg/kg) :	no data available
	Irritation (to skin / eye) :	None
	Sensitisation :	None
11.1.2	Subacute / Chronic Toxicity :	
	Carcinogenicity :	None
	Mutagenicity :	None
	Teratogenicity :	None
	Narcotic Effects :	None

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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 EC directives 1999/45 and 2006/8.

12 Ecological Information

12.1 Elimination (Persistence and Degradability) :

Readily biodegradable > 90 %. (DIN/ISO 7238)

12.2 Behaviour in Sewage Works :

Mobility and Accumulation Potential :

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.3 Ecotoxic Effects, Aquatic Toxicity :

Ecological injuries are not known or expected under normal use.

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 : no data available

12.4.4 Significant Components : None

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

13.1 Residues

13.1.1 Recommendation : D 10 Waste - Code - No. : 11 01 06

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 classified as dangerous in the meaning of transport regulations.

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
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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 classified as dangerous in the meaning of transport regulations.

Class : UN-No. : Packing Group :

14.3.1 EmS-Fire / Leak :

MFAG-Table :

14.3.2 Marine Pollutant :

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14.3.3 Instruction for Declaration and Labelling :

(Packing sizes with possible exemptions not considered)

Proper Shipping Name :

Risk Label :

14.3.4 Remarks :

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

Remarks : Not classified as dangerous in the meaning of transport regulations.

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 EC-Regulations :**

Classification required by EC : No.

Applicable Exemptions :

Hazard Identification :

Hazard Symbol(s) :

Component(s) :

R-Phrases :

S-Phrases :

15.1.1 The above mentioned classification is valid for distribution to industrial user.

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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