

Date of issue: 30.10.2012 Replaces Data Sheet of: 05.01.2010

"*" 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 / Use: PSS 10 / Dirty protection

Trade Name / Use: PSS 20, PSS 20 Clear / Protection against graffiti and other contamination
(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-interservice.ch

Responsible:

CHEMCO123 @ – Chemical Consultancy, graduate chemist, R. Fechner, ☎ + 49 5254 9575 05

eMail: info@chemco123.de

Emergency - Telephone

Swiss Toxicological Emergency – Telephone

Information Centre: of Company / Undertaking:

Telephone: +41 44 251 51 51

Telephone: +41 44 749 24 24

Emergency - Telephone

Swiss Toxicological Emergency – Telephone

Information Centre: of Company / Undertaking:

Telephone: +41 44 251 51 51

Telephone: +41 44 749 24 24

2 Hazards Identification

For Humans:

Classification:

The product does not need to be labelled in accordance with EC directive 1999/45.

Additional advice:

None.

For the Environment:

None.

3 Composition / Information on Ingredients

Chemical Characterisation:

Aqueous solution of polysaccharides

Dangerous Ingredients:

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R - phrases
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						

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

4 First Aid Measures

General advice:

Show this safety data sheet to the doctor in attendance.

Inhalation:

No hazards which require special first aid measures.

Skin Contact:

Rinse with water.

Eye Contact:

Flush eyes with water as a precaution

Ingestion:

Clean mouth with water and drink afterwards plenty of water.

Note to Physician:

None.

Special Equipment:

n.av.

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5 Fire Fighting Measures

Suitable Extinguishing Media: Foam, powder, carbon dioxide and water.

Extinguishing Media to Avoid: None.

Fire and Explosion Hazards:

In the event of fire carbon oxides may be formed.

Additional Information: The product itself does not burn.

Special Protective Equipment:

Wear positive pressure self-contained breathing apparatus.

Wear full protective clothing.

6 Accidental Release Measures

Personal Precautions:

See Personal Protective Equipment.

Environmental Precautions:

Do not flush large quantities into surface water or sanitary sewer system. Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal. After cleaning, flush away traces with water.

Methods for Cleaning up:

Clean-up methods - large spillage:

Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal.

After cleaning, flush away traces with water.

Clean-up methods - small spillage:

Flush away traces with water.

Further Information:

None.

7 Handling and Storage

Handling

Precautions for Safe Handling:

No special precautions required.

Precautions in Case of Fire and Explosion:

None.

Storage

Storage Instructions:

Keep at temperatures above 0 °C. Keep container tightly closed.

Store away from:

None.

Further Information on Storage Conditions:

None.

Storage Class: 12 (VCI - Concept)

8 Exposure Controls and Personal Protection

Information on System Design:

Provide personal protective equipment.

Exposure Limits:

CAS / Material

Limit Value according to TRGS 900/ EC Guideline 2000/39:

Personal Protective Equipment

General Protection and Hygiene:

No special precautions required.

Respiratory Protection: No.

Hand Protection: No.

Eye Protection: No.

Skin Protection: No.

Further Information: No.

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Telephone: +41 44 749 24 24 **Date of issue:** 30.10.2012 **Replaces Data Sheet of:** 05.01.2010**9 Physical and Chemical Properties****Appearance****Form:** liquid**Colour:** colourless**Odour:** none**Safety Relevant Data**

pH-value:	6 - 7
Boiling point / Boiling - range (°C):	100
Melting point / Melting range (°C):	n.av.
Flash point (°C, c.c.):	n.ap.
Flammability:	n.ap.
Ignition temperature (°C):	n.ap.
Autoflammability:	n.ap.
Oxidising properties:	n.ap.
Explosion hazard:	n.ap.
Explosion limits (Vol.%) lower:	n.ap., upper: n.ap.
Vapour pressure:	n.av.
Density (g/ml):	1
Solubility (in Water):	completely soluble
Partition coefficient, n-Octanol/Water:	n.av.
Viscosity:	6 - 7 cP
Solvent separation test:	n.ap.
Solvent content (m %):	n.ap.
VOC content (g / kg) :	n.ap.
Fat solubility:	no
Further Data	
Thermal decomposition (°C):	n.av.
Vapour density (Air = 1):	n.av.
Evaporation rate:	n.av.

10 Stability and Reactivity

Conditions to Avoid:	None.
Materials to Avoid:	None.
Hazardous Decomposition Products:	None.
Further Information:	None.

11 Toxicological Information**Toxicological Tests:****Acute Health Effects:**

Inhalation, LC ₅₀ rat, (mg/l/4h):	n.av.
Ingestion, LD ₅₀ rat, (mg/kg):	n.av.
Skin - contact, LD ₅₀ rat, (mg/kg):	n.av.
Irritation (to skin / eye):	None.
Sensitisation:	None.

Subacute / Chronic Toxicity:

Carcinogenicity:	None.
Mutagenicity:	None.
Teratogenicity:	None.
Narcotic Effects:	None.

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

Biological degradability: 100 %

Behaviour in Sewage Works:

Mobility and Accumulation Potential:

Does not bioaccumulate.

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n.av.

Other Ecological Information

COD-Value, mg/g: n.av.

BOD₅-Value, mg/g: n.av.

AOX-Remarks: Product does not contain any organic halogens

Persistent, bioaccumulative and toxic substances (PBT-substances): None.

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

13 Disposal Considerations**Residues**

Recommendation: D1

Waste - Code - No.: 08 02 99

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.

14 Transport Information

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

Transportation by Vessels according to IMDG/GGVSee

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

Remarks: Not dangerous goods**15 Regulatory Information****Classification according to EC-directive 1999/45:**

The product does not need to be labelled in accordance with EC directive 1999/45.

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****Text of R phrases mentioned:**

None.

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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