



## MATERIAL SAFETY DATA SHEET

SDS 297

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### 1. Product and Company Identification

**PRODUCT NAME:** PSS 20

**USE OF PRODUCT** PSS 20, PSS 20 Clear / Protection against graffiti and other contamination

**SUPPLIER:** Equus Industries Ltd  
Sheffield Street  
Riverlands Industrial Estate  
Blenheim, Marlborough, New Zealand  
Telephone: +64 3 578 0214  
Email: [admin@equus.co.nz](mailto:admin@equus.co.nz)

**EMERGENCY CONTACT:** National Poison Centre  
Telephone: 0800 764 766

**DATE OF PREPARATION:** 18 April 2023

### 2. Hazards Identification

**Classification:**  
This product is non-hazardous.

**Additional advice:**  
None.

**For the Environment:**  
None

### 3. Composition/Information on Ingredients

**Chemical Characterization:**  
Aqueous solution of non-hazardous polysaccharides.

### 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.

**After Ingestion:**  
Clean mouth with water and drink afterwards plenty of water

**Note to Physician:**

None

**Special Equipment:**

n.av.

**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**

**Precautions for Safe Handling:**

No special precautions required.

**Precautions in Case of Fire and Explosion:**

None

**Storage Instructions:**

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

**Store away from:**

None

**Further Information on Storage Conditions:**

None

**8. Exposure Controls and Personal Protection Equipment**

**Information on System Design:**

Provide personal protective equipment.

**Exposure Limits:**

No exposure limits exist.

**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

**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.
Auto flammability:	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 Reaction**

**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%

**Behavior in Sewage Works:**

Mobility and Accumulation Potential:  
Does not bioaccumulate.

**Ecotoxic Effects, Aquatic Toxicity:**

n.av.

**Other Ecological Information:**

COD-Value, mg/g: n.av.  
BOD-Value, mg/g: n.av.  
AOX-Remarks: Product does not contain any organic halogens.  
Persistent, bioaccumulative an toxic substance (PBT-substances): None  
Very persistent and very bioaccumulative substances (vPvB-substances): None

**13. Disposal Consideration**

**Residues:** Allow to dry and dispose of as a general waste.

**Contaminated Packaging:** Rinse with clean water

#### 14. Transport Information

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

Transportation by Vessels according to IMDG/GGV See

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

**Remarks: Not dangerous goods**

#### 15. Regulatory Information

**Classification according to NZ HSNO Regulations:**

The product is non-hazardous

#### 16. Other Information

**Relevant Hazard Phrases:**

None

**Issue Information:**

Date of Preparation: 17 April 2023

Reasons: New

Replaces: N/A

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