



**Material Safety Data Sheet (MSDS)**  
According to Regulation(EC) No.1907/2006 (REACH)  
**Permanon Allround Supershine**

**1. Identification of the substances/preparation and of the Company/ undertaking**

Trade Name: Permanon Allround Supershine  
Intended Use: Surface Protection

**Company Name: Permanon GmbH**  
Winterstetten 53,  
D-88299 Leutkirch, Germany  
Tel: + 49(0) 7567-1553  
Fax: + 49(0) 7567-1031

**2. Hazard Identification**

None  
Silicium(Si I 4), Water, synergetic substances, Polymers, Water, perfumes

**3. Composition / Information on Ingredients**

Hazardous components			
CAS. NR	Ingredients	Content	Classification
N,N,N-Trimethylglycin 107-43-7		ca. 5-10%	
Copolymer		<3%	
2-Buthoxyethanol		< 2%	
Silicium (Si I 4)		ca. 5%	
Perfumes			
Water		Ad 100	

**For full text of the R-Phrases indicated by codes see section 16"Other Information".**

**Substances without classification may have community workplace exposure limits available**

**Declaration of ingredients according to Detergent Regulation 648/2004**

ca. 5-10% N,N,N-Trimethylglycin  
< 5% Silicium (Si I 4)  
Contains perfumes

**4. First Aid Measures**

**Inhalation:** None

**Eye-Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses and if needed consult an eye-specialist

**Skin Contact:** None

**Ingestion** Rinse mouth, drink 1-2 glasses of water, do not induce consult a doctor

## 5. Fire Fighting Measures

**Combustion behavior:** Non flammable (aqueous solution).

**Particular hazard of the substance or of the preparation itself, its combustion** None

**products or generated gases:** None

**Special protection equipment for fire-fighters:** None

**Put on breathing apparatus:** None

## 6. Accidental Release Measures

**Personal precaution:** Avoid contact with skin and eyes

**Environment precautions:** Little amounts wash up with a jet of water

**Methods for cleaning up:** Remove with liquid –absorbing materials (sand, peat, sawdust).Wash away residues with plenty of water.

## 7. Handling and Storage

Avoid skin and eye contact

Slopped substance provokes increasing slippery

Do not store under 7° Celsius because precipitation possible

Do not expose to direct sun light or frost

## 8.Exposure controls/Personal Protection

Valid for Germany

Basis

Germany-Occupational Limits

Contains no components

Engineering controls

No further information, see section 7.

**Inhalation Protection:** None

**Hand Guard:** None

**Eye Protection:** Use chemical safety glasses with bottling

**Body Guard:** None

*General Protection and Hygiene Measures:* While working with the product do not eat or smoke. Before breaks and by finishing the work wash hands.

## 9. Physical and Chemical Properties

**General Characteristics:**

**Appearance:** Liquid

**Color:** Milky  
**Odor:** Pleasant

**Phys.chem, Properties**

pH-value 6,0-6,5  
20° Conc. 100% Product  
Flash point Not applicable  
Vapor Pressure Aqueous solution

**Change of State**

Boiling Point Not determined 100° C  
Melting Point Not determined N/A

Density (20° C) Approx. 1.0 g/cm<sup>3</sup>  
Bulk Density Kg/m<sup>3</sup>

Vapor Pressure (20° C) Not determined Mbar  
Viscosity (20° C) Thin – Fluid  
(flow time in sec)

Water Solubility (20° C) Unlimited mixable g/l  
Fat Solubility (20° C) g/l

VOC: 0%

**10. Stability and Reactivity**

**Conditions to avoid:** None if used for intended purpose  
**Materials to avoid:** None if used for intended purpose  
**Hazardous decomposition products:** None if used for intended purpose

**11. Toxicological Information**

According to present state of knowledge there is no indication of harming effects.

**12. Ecological Information**

Persistence and degradability:

**Degradation of Surfactants**

The surfactants contained in the products are primary biodegradable to at least 90% on average  
The biodegradability of the surfactants contained in the product is in accordance with the requirements of the EU Detergent Regulation (EC/648/2004)

**Ultimate Biodegradation:**

According to our experience and knowledge, there is no effect on municipal 'activated sludge' during water treatment. The biodegradability of the product in question is >96%, and thus lies far beyond the requirements of the detergent and cleaning agents Act.

**Other Remarks:**  
None

### **13. Disposal Considerations**

**Product Disposal:**

Dispose of according to regulations.

**Waste code (EWC)**

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in various sectors. The EWC codes listed are intended as a Recommendation for users. We will be happy to advise you.

EWC/EAK 557303

**Recommended Cleaning Agents:**

Clean the packing with water

### **14. Transportation Information**

**General Information:**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR

### **15. Regulations – Classification and Identification**

**EU regulations**

Labeling of the preparation after EU-Directive

Permanon Allround Supershine does not have to be labeled after EUDirective

**Safety Phrases:**

S1/2: Keep locked up and out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National regulations/ information (Germany)

WGK: WGK=I not water endangering product. Classification according to the mixture rules in German V w V wS regulation annex 4 from July 2005

Storage class VCI 12

### **16. Other Information**

The labeling of the products is indicates in Section 15: The full text of S-phrases indicated by codes in this safety data sheet are as follows:

S1/2: Keep locked up and out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**Further information:**

This information is based on our current level knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from point of view of safety requirements and is not intended to guarantee any particular properties.