



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

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

Trade Name: Permanon Car Platinum 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 I4), 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 I4)		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 I4)
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 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 Protection: 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 ³	
Bulk Density		Kg/m ³	
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 Car Platinum 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 indicted 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.