



Material Safety Data Sheet (MSDS)
According to Regulation(EC) No.1907/2006 (REACH)
Permanon Car Platinum Cleaner 2in1 Revitalizer

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

Trade Name: Permanon Car Platinum Cleaner 2in1 Revitalizer
Intended Use: Cleaning Surface Protection

Company Name: Permanon GmbH
Winterstetten 53,
D-88299 Leutkirch, Germany
Tel: + 49(0) 7567-1553
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2. Hazard Identification

R 34 causes burns
May irritate the eyes and the skin
The product is classified as hazardous within the meaning of the valid (EU) preparation guideline.

3. Composition / Information on Ingredients

Hazardous components

CAS. NR	Ingredients	Content	Classification
C12-dimethylbenzylammoniumchlorid 139-07-1		ca. 1- 5 C corrosive	R34,R21-R22
C14-dimethylbenzylammoniumchlorid 139-08-2		ca. 1-2 C corrosive	R34,R21-R22
C16-dimethylbenzylammoniumchlorid 122-18-9		<1,0 C corrosive	R34,R21-R22

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

10-15% non-ionic and cationic surfactants
< 5% silicium (Si₁₄)
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).In case of fire toxic gases can proceed evaporation of water and further heating of the product.

Special protection equipment for fire-fighters: Put on breathing apparatus

6. Accidental Release Measures

Personal precaution: Avoid contact with skin and eyes

Environment precautions: Do not empty into drain/surface water/ground 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

Keep out of the reach of children!

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: Rubber gloves by bottling

Eye Protection: Use chemical safety glasses when 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:	Blue
Odor:	Pleasant

Phys.chem, Properties

pH-value	7,0
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

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.

Quantitative dates of toxicology of Benzalkoniumchlorid

LD50 (oral, Rat) 240 mg/kg

LC50 (dermal Rat) 1560 mg/kg

Eye irritation - Irritating to eyes

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:

The material is degraded quickly. All individual organic components in the product are, with at least 60% BOD28/COD in the Closed Bottle Test or with at least 70% DOC removal in the Modified OECD Screening Test, readily biodegradable according to the OECD classification

Other Remarks:

In case of discharge of acid or alkali products in sewage treatment plants observe that their pH- value does not pass 5.5-9.5 pH- alterations may cause disturbances in biological plants. Follow the local instructions.

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 070101

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 test of S-phrases indicted by codes in this safety data sheet are as follows:

R22Harmful if swallowed

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin

Further information:

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