

Safety Data Sheet

according to Regulation(EC) No.1907/2006 (REACH)

Page 1 of 5

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Permanon GmbH, Winterstetten 53, 88299 Leutkirch
Tel.: + 49(0) 7567-1563,Telefax.: + 49(0) 7567-1031

1. Trade name: Permanon PS Universal Cleaner

2. Composition / Information on Ingredients

65% inorganic stand materials and control agents, 20% Alkyl PGE-Ester, 5% Soap < synthetic Surfactant, < 5% Alcohol

2.1.Chemical Characterisation of Preparation

CAS.Nr	Ingredients	Percent	Danger sign	R-phrases
124,17-4	Butydiglykolacetat Aliphatische	< 30	n.a.	n.a
77758-29-4	Polyglycolderivate	< 30	n.a	n.a
143-07-7	Soap Aliphatische Alkohole Water	< 5 < 5 ad 100	n.a	

(Comment: Declaration of a hazard symbol and "R-phrases" refer to 100% of pure raw material and categorise the product not after GefStoV)

3.Potential Hazards

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

4. First Aid Measures

Inhalation:	None
Eye-Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses and if needed consult an eye-specialist
Skin Contact:	None
Swallowing:	None special procedure is necessary
General Notes:	Further treatments and monitoring symptomatically Get medical attention

Safety Data Sheet

According to regulation (EC) No. 1907/2006(REACH)

Page 2 of 5

Permanon PS Universal Cleaner

5. Fire Fighting Measures

Fire Extinguishing Media: None

Particular hazard of the substance or of the preparation itself, its combustion products or generated gases: None

Particular protection outfit for the fire fighting: None

Additional Notes for fire fighting: None

6. Procedures in the case unintended release

Little amounts wash up with a jet of water

Bigger amounts are to be absorbed with liquid binding material (sand, universal binder, saw dust) and dispose appropriate

7. Handling and Storage

Slopped substance provokes increasing slippery

Do not store under 7° Celsius because precipitation possible

Do not expose to direct sun light or frost

8. Personal Protection

Inhalation Protection: None

Hand Guard: Rubber gloves by bottling

Eye Protection: Use chemical safety goggles when bottling

Body Protection: None

Valid for Germany

Basis

Germany-Occupational Limits

Contains no components

Engineering controls

No further information, see section 7.

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

EC-Material Safety Data Sheet

Page 3 of 5

Permanon PS Universal Cleaner

According to regulation (EC) No. 1907/2006(REACH)

9. Physical and Chemical Properties

Appearance:

Form: solid

Colour: unclear

Odour: not characteristic

Security relevant Data:

Change of State:

Boiling point		not determined	100°C
Melting Point		not determined	NA
Density	(20°C)	approx. 1.034	g/cm ³
Bulk Density		kg/m ³	
Vapour 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
PH Value	(20°C)	ca. 8	
(by 10g/l H ₂ O)			
PH Value by delivery	(20°C)	ca. 7	
n-octanol-water partition coefficient		not defined	
Flash Point		not applicable	
Explosive Limit		not applicable	
Particular Note		not applicable	

EC-Material Safety Data Sheet

Page 4 of 5

According to regulation (EC) No. 1907/2006(REACH)

Permanon PS Universal Cleaner

10. Stability and Reactivity

conditions to be avoided: none
substances to be avoided: none
Dangerous decomposition products: in case of fire can emerge nitrogen oxides and hydrogen chloride

11. 11. Toxicological Information

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

Quantitative dates of toxicology
LD50 (oral,Rat) 240 mg/kg

12. Specifications as to ecology

Persistence and degradability:

Degradation of surfactants

The surfactants contained in the products are primary biodegradable to at least 96 % 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 6=% 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

National regulations/information(Germany)

WGK: WGK=1, low hazardous to waters product. Classification according to the mixture rules in German V w V wS regulation annex 4 from July 2005

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 advice you.

EWC/EAK 070101

Recommended cleaning agents:

Clean the packing with water

EC-Material Safety Data Sheet

Page 5 of 5

Permanon PS Universal Cleaner

14. Transport Information

General information :

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

15. Regulations – classification and identification

Labelling of the preparation after EU-Directive

Permanon PS Universal Cleaner has not to be labelled after EU-Directive

This product is not poisonous and acid free! > 96% biodegradable

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.

16. Other Information

The labelling of the products is indicates in Section 15: The full test of R-phrases indicted by codes in this safety data sheet are as follows:
none

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.