

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Rev. 2014-10

1. Identification of the substance/preparation and of the company/undertaking

Information on the product

Trade name: picodent gipslöser

Company/undertaking identification:

picodent GmbH
Lüdenscheider Str. 24-26
D-51688 Wipperfürth

www.picodent.de
Telephone-No. +49 2267 6580-0
Fax-No. +49 2267 6580-30

Responsible Department:

picodent GmbH
Lüdenscheider Str. 24-26
D-51688 Wipperfürth

www.picodent.de
Telephone-No. +49 2267 6580-0
Fax-No. +49 2267 6580-30

Emergency telephone:

picodent GmbH, Wipperfürth

Telephone-No. +49 2267 6580-0

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation

(EC) No 1272/2008:

The product is not classified according to the CLP regulation.

Label elements

Labelling according to Regulation

(EC) No 1272/2008:

Hazard pictograms:

Void

Signal word:

Void

Hazard statements:

Void

Additional information:

Safety data sheet available on request.

Results of PBT and vPvB assessment:

PBT:

Not applicable.

vPvB:

Not applicable.

3. Composition/information on ingredients



Chemical characterization:

Mixture.

Description:

Mixture of substances listed below with non-hazardous additions.

Dangerous components:

CAS: 139-33-3	Disodium dihydrogenethylenediaminetetraacetate	10-25 %
EINECS: 205-358-3	 Acute Tox. 4, H332	
CAS: 584-08-7	Potassium carbonate	2,5-10 %
EINECS: 209-529-3	 Acute Tox. 4, H302; Eye Irrit. 2, H319	

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4. First aid measures

After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Generally the product does not irritate the skin.
After eye contact:	Rinse open eye for several minutes under running water.
After swallowing:	If symptoms persist consult doctor.
Information for doctor:	No further relevant information available.

5. Fire-fighting measures

Suitable extinguishing agents:	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture:	No further relevant information available.
Protective equipment:	No special measures required.

6. Accidental release measures

Person-related safety precautions:	Not required.
Measures for environmental protection:	Dilute with plenty of water. Do not allow to enter sewers / surface or ground water.
Measures for cleaning / collecting:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, saw dust). Ensure adequate ventilation.
Reference to other sections:	No dangerous substances are released.

7. Handling and storage

Handling:	
Information for safe handling:	No special measures required.
Information about fire- and explosion protection:	No special measures required.

Storage:	
Requirements to be met by storerooms and receptacles:	No special measures required.
Information about storing in one common storage facility:	Not required.
Further information about storage conditions:	None.

8. Exposure controls/personal protection

Additional information about design of technical facilities:	No further data; see item 7.
Ingredients with limit values that require monitoring at the workplace:	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information:	The lists valid during the making were used as basis.
Personal protective equipment:	
General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection:	Not required.

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Protection of hands:

Protective gloves and protective skin cream.
The glove material has to be impermeable and resistant to the product / the substance / the preparation. Due to missing tests no recommendation to the glove material can be given for the product / the preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Natural rubber, NR.
Nitrile rubber, NBR.
Goggles recommended during refilling.

Eye protection:

9. Physical and chemical properties

General information:

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
pH-value at 20°C:	8,5
Change in condition:	
Melting point / Melting range:	Undetermined.
Boiling point / Boiling range:	100°C
Flash point:	Not applicable.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Vapour pressure at 20°C:	23 hPa
Density at 20°C:	1,2 g/cm ³
Solubility in / miscibility with water:	Fully miscible.
Solvent content:	
Organic solvents:	0,0 %
Water:	67,0 %
Solids content:	35,0 %

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions:

No dangerous reactions known.

Conditions to avoid:

No further relevant information available.

Incompatible materials:

No further relevant information available.

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11. Toxicological information

Acute toxicity:

Primary irritant effect:

On the skin:

No irritant effect.

On the eye:

No irritating effect.

Sensitization:

No sensitizing effects known.

12. Ecological information

Aquatic toxicity:

No further relevant information available.

Persistence and degradability:

Biodegradable.

Behaviour in environmental systems:

Bioaccumulative potential:

No further relevant information available.

Mobility in soil:

No further relevant information available.

General notes:

Water hazard class 1 (German regulation) (Self-assessment):
Slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Results of PBT and vPvB:

PBT:

Not applicable.

vPvB:

Not applicable.

13. Disposal considerations

Waste treatment methods - Recommendation:

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. Smaller quantities can be disposed of with household waste.

European waste catalogue:

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 07 00 Wastes from the MFSU of fine chemicals and chemical products not otherwise specified.

07 07 01 Aqueous washing liquids and mother liquors.

Uncleaned packaging –

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agents:

Water, if necessary together with cleaning agents.

14. Transport information

UN-Number:

ADR, ADN, IMDG, IATA:

Void

UN proper shipping name:

ADR, ADN, IMDG, IATA:

Void

Transport hazardous class:

ADR, ADN, IMDG, IATA:

Void

Packing group:

ADR, IMDG, IATA:

Void

Environmental hazards:

Marine pollutant:

No

Transport in bulk according to Annex II

of MARPOL 73/78 and the IBC Code:

Not applicable.

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Transport additional information: Not dangerous according to the above specifications.
ADR:
Limited quantities: -
Transport category: -
UN „Model Regulation“: -

15. Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture:

Labelling according to Regulation

(EC) No 1272/2008: Void
Hazard pictograms: Void
Signal word: Void
Hazard statements: Void
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other information

Further Information: This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases:

H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association".
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization".
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.