



According to 1907/2006/EG, Article 31
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Neutralgin

1. Identification of the substance / Preparation and Company: *

- 1.1 Product identifier
Commercial product name: Neutralgin – Impression disinfectant with alginic acid neutralizer
- 1.2 Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.
- 1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier: ERNST HINRICHS Dental GmbH
Street / mailbox: Borsigstr. 1
Country code. / postal code / city: D - 38644 Goslar
Phone: 0 53 21 / 5 06 24
Fax: 0 53 21 / 5 08 81
E-mail / Website: info@hinrichs-dental.de / www.hinrichs-dental.de
Further information obtainable from: ERNST HINRICHS Dental GmbH
- 1.4 Emergency telephone number
ERNST HINRICHS Dental GmbH: +49 (0) 53 21 / 5 06 24 - 25 (Mon-Fri. 8 a.m. – 4 p.m.)

2. Composition / Information on Ingredients: *

- 2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.
Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.
Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- 2.2 Label elements:
Labelling according to Regulation (EC) No 1272/2008: Void
Hazard pictograms: Void
Signal word: Void
Hazard statements: Void
Additional information: Safety data sheet available on request.
- 2.3 Other hazards:
Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

3. Hazards Identification: *

- 3.1 Chemical characterisation: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 68391-01-5 EINECS: 269-919-4	This substance is identified by SDA Substance Name: C R34; Xn R22	≤ 0.5%
	Skin Corr. 1B, H314; Acute Tox. 4, H302	
CAS: 7173-51-5 EINECS: 230-525-2	didecyldimethylammonium chloride C R34; Xn R22	≤ 0.5%
	Skin Corr. 1B, H314; Acute Tox. 4, H302	



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CAS: 85409-23-0	N-Alkyl(C12-14)-N-ethylbenzyl-N,N-dimethylammoniumchlorid	≤ 0.5%
	C R34; Xn R22; N R50 Skin Corr. 1B, H314; Aquatic Acute 1, H400; Acute Tox. 4, H302	

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures:

- 4.1 Description of first aid measures
 General information: No special measures required.
 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 opened eye for several minutes under running water.
 After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. Firefighting measures: *

- 5.1 Extinguishing media
 Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards arising from the substance or mixture: No further relevant information available.
- 5.3 Advice for firefighters
 Protective equipment: No special measures required.

6. Accidental release measures:

- 6.1 Personal precautions, protective equipment and emergency procedures: Not required.
- 6.2 Environmental precautions: No special measures required.
- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4 Reference to other sections: No dangerous substances are released.

7. Handling and Storage:

- 7.1 Precautions for safe handling
 Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
 Storage:
 Requirements to be met by storerooms and receptacles: No special requirements.
 Information about storage in one common storage facility: Not required.
 Further information about storage conditions: None
- 7.3 Specific end use(s): No further relevant information available.



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8. Exposure controls / personal protection: *

<p>Additional information about design of technical facilities:</p> <p>8.1 Control parameters:</p> <p>Ingredients with limit values that require monitoring at the workplace:</p> <p>Additional information:</p> <p>8.2 Exposure controls:</p> <p>Personal protective equipment:</p> <p>General protective and hygienic measures:</p> <p>Respiratory protection:</p> <p>Protection of hands:</p> <p>Material of gloves</p> <p>Penetration time of glove material</p> <p>As protection from splashes gloves made of the following materials are suitable:</p> <p>Eye protection:</p>	<p>No further data; see item 7.</p> <p>The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. The lists valid during the making were used as basis.</p> <p>The usual precautionary measures are to be adhered to when handling chemicals.</p> <p>Not required.</p> <p>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</p> <p>The selection of the 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.</p> <p>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <p>Nitrile rubber, NBR Natural rubber, NR Goggles recommended during refilling</p>
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9. Physical and chemical properties: *

<p>9.1 Information on basic physical and chemical properties:</p> <p>General Information:</p> <p>Appearance:</p> <p>Form:</p> <p>Colour:</p> <p>Odour:</p> <p>pH-value at 20 °C:</p> <p>Change in condition</p> <p>Melting point/Melting range:</p> <p>Boiling point/Boiling range:</p> <p>Flash point:</p> <p>Self-igniting:</p> <p>Danger of explosion:</p> <p>Vapour pressure at 20 °C:</p> <p>Density at 20 °C:</p> <p>Solubility in / Miscibility with water:</p> <p>9.2 Other information:</p>	<p>Fluid</p> <p>Clear</p> <p>Characteristic</p> <p>7</p> <p>0 °C</p> <p>100 °C</p> <p>> 100 °C</p> <p>Product is not selfigniting.</p> <p>Product does not present an explosion hazard.</p> <p>23 hPa</p> <p>1 g/cm³</p> <p>Not miscible or difficult to mix.</p> <p>No further relevant information available.</p>
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10. Stability and Reactivity:

<p>10.1 Reactivity</p> <p>10.2 Chemical stability</p> <p>Thermal decomposition / conditions to be avoided:</p> <p>10.3 Possibility of hazardous reactions:</p> <p>10.4 Conditions to avoid:</p> <p>10.5 Incompatible materials:</p> <p>10.6 Hazardous decomposition products:</p>	<p>No decomposition if used according to specifications.</p> <p>No dangerous reactions known.</p> <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>No dangerous decomposition products known.</p>
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11. Toxicological Information:

11.1 Information on toxicological effects

Acute toxicity	
Primary irritant effect:	
Skin corrosion/irritation	No irritant effect.
Serious eye damage/irritation	No irritating effect.
Respiratory or skin sensitisation	No sensitising effects known.
Additional toxicological information:	The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
Sensitisation:	None
Repeated dose toxicity:	None
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	
Germ cell mutagenicity:	None
Carcinogenicity:	None
Reproductive toxicity:	None
Aspiration hazard:	None

12. Ecological Information:

12.1 Toxicity	
Aquatic toxicity:	No further relevant information available.
12.2 Persistence and degradability:	No further relevant information available.
Other information:	The product is biodegradable.
12.3 Bioaccumulative potential:	No further relevant information available.
12.4 Mobility in soil:	No further relevant information available.
Additional ecological information:	
General notes:	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
12.5 Results of PBT an vPvB assessment:	
PBT:	Not applicable.
vPvB:	Not applicable.
12.6 Other adverse effects:	No further relevant information available.

13. Disposal Considerations:

13.1 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 06 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
	07 06 00 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 99	wastes not otherwise specified

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

14. Transport Information:

14.1 UN-Number	-
14.2 UN proper shipping name	-
14.3 Transport hazard class(es)	-
14.4 Packing group	



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- 14.5 Environmental hazards:
Marine pollutant No
- 14.6 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
- Transport/Additional information: Not dangerous according to the above specifications.
- ADR
- Limited quantities (LQ) -
- Transport category -

15. Regulatory information: *

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Void
- Labelling according to Regulation (EC) No 1272/2008:
- Hazard pictograms: Void
- Signal word: Void
- Hazard statements: Void
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other 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 phrases

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H400 Very toxic to aquatic life.

- R22 Harmful if swallowed.
- R34 Causes burns.
- R50 Very toxic to aquatic organisms.

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)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Acute Tox. 4 : Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Aquatic Acute 1: Hazardous to the aquatic environment – Acute Hazard, Category 1

* Data compared to the previous version altered.