

According to 1907/2006/EG,
Article 31

Date of issue: 25.08.2011

Printing date: 08.09.2011

Neutralgin

1. Identification of the substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name: Neutralgin – Impression disinfectant with alginic acid neutralizer

Company / Manufacturer:

ERNST HINRICHS GmbH
Borsigstr. 1
D - 38644 Goslar
0 53 21 / 5 06 24
0 53 21 / 5 08 81
info@hinrichs-dental.de / www.hinrichs-dental.de

2. Composition / Information on Ingredients:

2.1	Chemical characterization: Description:	Mixture. Mixture of substances listed below with non-hazardous additions.
2.2	Dangerous components: CAS: 68391-01-5 EINECS: 269-919-4	<p>This substance is identified by SDA Substance Name: ≤ 0,5% %</p> <p> C, Xn; R 22-34 Gefahr: 3.1.O/3 3.2/1B</p>
	CAS: 7173-51-5 EINECS: 230-525-2	<p>didecyldimethylammonium chloride ≤ 0,5% %</p> <p> C, Xn; R 22-34 Gefahr: 3.1.O/3 3.2/1B</p>
	CAS:85409-23-0	<p>N-Alkyl (C12-14)-N-ethylbenzyl-N,N-dimethylammoniumchloride ≤ 0,5% %</p> <p> C, Xn; R22-34 N,; R 22-34-50 Gefahr: 3.1.O/3 3.2/1B Warnung: 4.1.A/1</p>
2.3	Additional information:	For the wording of the listed risk phrases refer to section 16.

3. Hazards Identification:

3.1	Hazard description:	Not applicable.
3.2	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.
3.3	Classification system:	The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
3.4	GHS-label elements:	Not applicable.

4. First aid measures:

4.1	General information:	No special measures required.
4.2	After inhalation:	Supply fresh air; consult doctor in case of complaints.
4.3	After skin contact:	Generally the product does not irritate the skin.
4.4	After eye contact:	Rinse opened eye for several minutes under running water.
4.5	After swallowing:	If symptoms persist consult doctor.

5. Fire Fighting measures:

5.1	Suitable extinguishing agents:	Use fire extinguishing methods suitable to surrounding conditions.
5.2	Protective equipment:	No special measures required.



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6. Accidental release measures:

6.1	Person-related safety precautions:	Not required.
6.2	Measures for environmental protection:	No special measures required.
6.3	Measures for cleaning / collecting:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4	Additional information:	No dangerous substances are released.

7. Handling and Storage:

7.1	Handling: Information for safe handling: Information about fire- and explosion protection:	No special measures required. No special measures required.
7.2	Storage: Requirements to be met by storerooms and receptacles: Information about storing in one common storage facility:	No special requirements. Not required.
7.3	Further information about storage conditions:	None.

8. Exposure controls / Personal protection:

8.1	Additional information about design of technical facilities: Ingredients with limit values that require monitoring at the workplace: Additional information:	No further data; see item 7. 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.
8.2	Personal protective equipment: General protective and hygienic measures: Respiratory protection: Protection of hands: Material of gloves: Penetration time of glove material: As protection from splashes gloves made of the following materials are suitable: Eye protection:	The usual precautionary measures are to be adhered to when handling chemicals. Not required. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Nitrile rubber, NBR Natural rubber, NR Goggles recommended during refilling.

9. Physical and chemical properties:

9.1	General information: Form: Colour: Odour:	Fluid Clear Characteristic
9.2	Change in condition: Melting point / Melting range: Boiling point / Boiling range:	0°C 100°C

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Flash point:	> 100°C
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 g/cm ³
Solubility in / miscibility with water:	Not miscible or difficult to mix.
PH-value at 20°C:	7
Solvent content:	
Organic solvents:	0,0 %

10. Stability and Reactivity:

10.1 Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.2 Dangerous reactions:	No dangerous reactions known.
10.3 Dangerous decomposition products:	No dangerous decomposition products known.

11. Toxicological Information:

11.1 Acute toxicity:	
Primary irritant effect:	
On the skin:	No irritant effect.
On the eye:	No irritating effect.
Sensitization:	No sensitizing effects known.
11.2 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.

12. Ecological Information:

12.1 Information about elimination (persistence and degradability):	
Other information:	The product is biodegradable.
12.2 General notes:	Water hazard class 1 (German regulation) (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system.

13. Disposal Considerations:

13.1 Product - 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.
13.2 European waste catalogue:	
07 00 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.
13.3 Uncleaned packaging – Recommendation:	Disposal must be made according to official regulations.

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14. Transport Information:

Maritime transport IMDG:

Marine pollutant:

Transport/Additional information:

No.

Not dangerous according to the above specifications.

15. Regulatory information:

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

16. 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:

22

Harmful if swallowed.

34

Causes burns.

50

Very toxic to aquatic organisms.

Abbreviations and acronyms:

IMDG:

International Maritime Code for Dangerous Goods.

GHS:

Globally Harmonized System of Classification and Labelling of Chemicals.