



According to 1907/2006/EG, Article 31

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**Neutralgin****SECTION 1: Identification of the substance/mixture and of the company/undertaking****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.

Life cycle stages: PW Widespread use by professional workers  
 Sector of Use: SU20 Health services  
 Product category: PC24 Lubricants, greases, release products  
 Technical function: Surface modifier  
 Application of the substance / the mixture: Surface modifiers

**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](mailto:info@hinrichs-dental.de) / [www.hinrichs-dental.de](http://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 (Mon-Fri. 8 a.m. – 4 p.m.)

**SECTION 2: Hazards identification****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.

**2.2 Label elements:**

Labelling according to Regulation (EC) No 1272/2008: Void  
 Hazard pictograms: Void  
 Signal word: Void  
 Hazard statements: Void

**Labelling of packages where the contents do not exceed 125 ml**

Hazard pictograms: Void  
 Signal word: Void  
 Hazard statements: Void

**2.3 Other hazards:****Results of PBT and vPvB assessment:**

PBT: Not applicable.  
 vPvB: Not applicable.

**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation:**

Mixtures

**Description:**

Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

Void



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

### SECTION 4: First aid measures

<b>4.1 Description of first aid measures</b>	
<b>General information:</b>	No special measures required.
<b>After inhalation:</b>	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact:</b>	Generally the product does not irritate the skin.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water.
<b>After swallowing:</b>	If symptoms persist consult doctor.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	No further relevant information available.
<b>4.3 Indication of any immediate medical attention and special treatment needed:</b>	No further relevant information available.

### SECTION 5: Firefighting measures

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

### SECTION 6: Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	Not required.
<b>6.2 Environmental precautions:</b>	Dilute with plenty of water.
<b>6.3 Methods and material for containment and cleaning up:</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
<b>6.4 Reference to other sections:</b>	No dangerous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

### SECTION 7: Handling and storage

<b>7.1 Precautions for safe handling</b>	No special measures required.
<b>Information about fire - and explosion protection:</b>	No special measures required.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
<b>Storage:</b>	



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**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

**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.

**SECTION 8: Exposure controls/personal protection** \*

**8.1 Control parameters:**  
**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.

**8.2 Exposure controls:**  
**Personal protective equipment:**  
**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** 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 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.

**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 in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:** Rubber gloves:

**For the permanent contact gloves made of the following materials are suitable:** Neoprene gloves



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**As protection from splashes gloves made of the following materials are suitable:** Natural rubber, NR  
Butyl rubber, BR  
Nitrile rubber, NBR

**Eye protection:** Goggles recommended during refilling

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and****chemical properties:****General Information:****Appearance:****Form:**

Fluid

**Colour:**

Clear

**Odour:**

Characteristic

**Odour threshold:**

Not determined.

**pH-value at 20 °C:**

7

**Change in condition****Melting point/freezing point:**

0 °C

**Initial boiling point and boiling range:**

100 °C

**Flash point:**

&gt; 100 °C

**Flammability (solid, gas):**

Not applicable.

**Decomposition temperature:**

Not determined.

**Auto-ignition temperature:**

Product is not selfigniting.

**Explosive properties:**

Product does not present an explosion hazard.

**Explosion limits:****Lower:**

Not determined.

**Upper:**

Not determined.

**Vapour pressure at 20 °C:**

23 hPa

**Density at 20 °C:**1 g/cm<sup>3</sup>**Relative density:**

Not determined.

**Vapour density:**

Not determined.

**Evaporation rate**

Not determined.

**Solubility in / Miscibility with**

Fully miscible.

**water:****Partition coefficient: n-octanol/water:**

Not determined.

**Viscosity:****Dynamic:****Kinematic:**

Not determined.

**Solvent content:****Water:**

95.0 %

**VOC (EC):**

0 %

**Solids content:**

&lt;1.0 %

**9.2 Other information:**

No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity:**

No further relevant information available.

**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:**

No dangerous reactions known.

**10.4 Conditions to avoid:**

No further relevant information available.



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- 10.5 Incompatible materials:** No further relevant information available.
- 10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

- Acute toxicity:** Based on available data, the classification criteria are not met.
- Primary irritant effect:**
- Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- Additional toxicological information:**
- Sensitisation:** None.
- Repeated dose toxicity:** None
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- Germ cell mutagenicity:** None.
- Carcinogenicity:** None.
- Reproductive toxicity:** None.
- STOT-single exposure:** Based on available data, the classification criteria are not met.
- STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- Aspiration hazard:** None

**SECTION 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:** Not hazardous for water.
- 12.5 Results of PBT an vPvB assessment:**
- PBT:** Not applicable.
- vPvB:** Not applicable.



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12.6 Other adverse effects: No further relevant information available.

### SECTION 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.

### SECTION 14: Transport information

#### 14.1 UN-Number

-

##### ADR, IMDG, IATA:

Void

#### 14.2 UN proper shipping name

-

##### ADR, IMDG, IATA:

Void

#### 14.3 Transport hazard class(es)

-

##### ADR, IMDG, IATA:

Void

#### 14.4 Packing group

-

##### ADR, IMDG, IATA:

Void

#### 14.5 Environmental hazards:

##### Marine pollutant

No

#### 14.6 Special precautions for user:

None.

#### 14.7 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

-

##### UN "Model Regulation":

Void

### SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008: GHS label elements

Directive 2012/18/EU



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**Named dangerous substances - ANNEX I:** None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
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None of the ingredients is listed.
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**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 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.

**Recommended restriction of use:**

Product only for professional use.

**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)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
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
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
VOC:	Volatile Organic Compounds (USA, EU)
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative

\* Data compared to the previous version altered.