



according to Regulation (EU) 2020/878  
 Date of issue: 15.05.2018  
 Revision date: 20.05.2025 Version/replaced Version 2.0/1.0


Page 1 of 6  
 Printing date: 23.05.2025

**Hinrisid - Surfactant based debubbler**

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

- 1.1. Product identifier  
 Product form: Mixture  
 Trade name: Hinrisid - Surfactant based debubbler  
 UFI: -
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
 Relevant identified uses: Industrial use, Professional use
- 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 [CLP]:  
 Serious eye damage/eye irritation, Category 1, H318  
 Full text of H statements: see section 16.
- Adverse physicochemical, human health and environmental effects:  
 Causes serious eye damage.
- 2.2. Label elements:  
 Labelling according to Regulation (EC) No. 1272/2008 [CLP]:  
 Hazard pictograms (CLP):
- 

GHS05  
 Danger  
 Isotridecanol, ethoxylated
- Signal word (CLP):  
 Hazard-determining components of labelling:  
 Hazard statements (CLP):  
 H318 Causes serious eye damage.  
 Precautionary statements (CLP):  
 P280 Wear eye protection, face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor.
- 2.3. Other hazards  
 The mixture does not contain substance(s) classified as PBT or vPvB in concentrations above 0.1 %. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 %.



according to Regulation (EU) 2020/878  
 Date of issue: 15.05.2018  
 Revision date: 20.05.2025 Version/replaced Version 2.0/1.0

**Hinrisid - Surfactant based debubbler**

**SECTION 3: Composition/information on ingredients**

- 3.1. Substances Not applicable  
 3.2. Mixtures

Dangerous components:

(CAS No) 69011-36-5	Isotridecanol, ethoxylated	< 3 %
	Eye Dam. 1, H318 Aquatic Chronic 3, H412	
(CAS No) 69011-36-5	Isotridecanol, ethoxylated	< 3 %
	Eye Dam. 1, H318 Acute Tox. 4, H302	

For the wording of the listed hazard statements refer to section 16.

**SECTION 4: First aid measures**

- 4.1. Description of first aid measures  
 General information: Call a doctor if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position.  
 After inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 After skin contact: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water.  
 After eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Rinse mouth. Drink water as a precaution.  
 After swallowing: Causes serious eye damage.  
 4.2. Most important symptoms and effects, both acute and delayed:  
 4.3. Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

**SECTION 5: Firefighting measures**

- 5.1. Extinguishing media  
 Suitable extinguishing media: Making extinguishing agents environment-friendly. Fire-extinguishing powder. Carbon dioxide. Water spray. For a significant fire: Foam.  
 Unsuitable extinguishing media: Do not use a heavy water stream.  
 5.2. Special hazards arising from the substance or mixture: No further relevant information available.  
 5.3. Advice for firefighters:  
 Firefighting instructions: Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.  
 Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures**

- 6.1. Personal precautions, protective equipment and emergency procedures: Provide adequate ventilation. Stop leak if safe to do so. Use personal protective equipment as required. Avoid contact with skin and eyes. Evacuate unnecessary personnel.  
 6.2. Environmental precautions: Prevent entry to sewers and public waters.  
 6.3. Methods and material for containment and cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Dispose of in accordance with relevant local regulations.



according to Regulation (EU) 2020/878  
 Date of issue: 15.05.2018  
 Revision date: 20.05.2025 Version/replaced Version 2.0/1.0

Page 3 of 6  
 Printing date: 23.05.2025

**Hinrisid - Surfactant based debubbler**

6.4. Reference to other sections: See Section 7 for information on safe handling  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for information on disposal.

**SECTION 7: Handling and storage**

7.1. Precautions for safe handling:	Provide good ventilation in process area. Wear personal protective clothing. Avoid contact with skin and eyes.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace.
7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in original container. Keep container tightly closed. Store in a dry, cool and well-ventilated place.
7.3. Specific end use(s):	No additional information available

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

8.1. Control parameters	No additional information available
8.2. Exposure controls	
Appropriate engineering controls:	Provide local exhaust or general room ventilation to minimize vapour concentrations.
Personal protective equipment:	
Protection of hands:	Wear suitable gloves (EN 374). The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	Wear safety glasses (EN 166).
Respiratory protection:	Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
Skin and body protection:	Wear suitable protective clothing.
Environmental exposure controls:	Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties	
Physical state:	Liquid
Colour:	No data available
Odour:	No data available
Melting point/Freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available
Lower and upper explosion limit:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Kinematic viscosity:	No data available
Solubility:	Water: soluble
Partition coefficient n-octanol/water (log value):	Not applicable
Vapour pressure:	No data available



according to Regulation (EU) 2020/878  
 Date of issue: 15.05.2018  
 Revision date: 20.05.2025 Version/replaced Version 2.0/1.0

**Hinrisid - Surfactant based debubbler**

Density and/or relative density:	No data available
Relative vapour density:	No data available
Particle characteristics:	Not applicable
9.2. Other information	
Explosive properties:	Product is not explosive.
Oxidising properties:	No.

**SECTION 10: Stability and reactivity**

---

10.1. Reactivity:	No dangerous reactions known under normal conditions of use.
10.2. Chemical stability:	Stable under use and storage conditions as recommended in section 7. No decomposition if stored and applied as directed.
10.3. Possibility of hazardous reactions:	None under normal use.
10.4. Conditions to avoid:	No information available.
10.5. Incompatible materials:	No information available.
10.6. Hazardous decomposition products:	No hazardous decomposition products known.

**SECTION 11: Toxicological information**

---

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified Based on available data, the classification criteria are not met
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure):	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure):	Not classified Based on available data, the classification criteria are not met
Aspiration hazard:	Not classified Based on available data, the classification criteria are not met
11.2. Information on other hazards	
Endocrine disruption for human health:	The mixture has no endocrine disrupting properties.
Potential adverse human health effects and symptoms:	Based on available data, the classification criteria are not met

**SECTION 12: Ecological information**

---

12.1. Toxicity	
Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	Not classified



according to Regulation (EU) 2020/878  
 Date of issue: 15.05.2018  
 Revision date: 20.05.2025 Version/replaced Version 2.0/1.0

Page 5 of 6  
 Printing date: 23.05.2025

**Hinrisid - Surfactant based debubbler**

Ecology - general advice:	Avoid release to the environment. Prevent entry to sewers and public waters.
12.2. Persistence and degradability:	No information available.
12.3. Bioaccumulative potential:	No information available.
12.4. Mobility in soil:	No information available.
12.5. Results of PBT and vPvB assessment:	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
12.6. Endocrine disrupting properties:	The mixture has no endocrine disrupting properties.
12.7. Other adverse effects:	No further relevant information available.

**SECTION 13: Disposal considerations**

---

13.1. Waste treatment methods	
Regional legislation (waste):	Dispose in a safe manner in accordance with local/national regulations.
Waste disposal recommendations:	Treat contaminated packaging like the product itself.
Waste code number:	The waste code number according to the Regulation of the European Waste Catalogue (EWC) is dependent on the waste producer and can therefore be different for a product. The waste code number must therefore be determined separately by each waste producer.

**SECTION 14: Transport information**

---

14.1. UN number or ID number	
ADR, IMDG, IATA:	Not regulated for transport
14.2. UN proper shipping name	
ADR, IMDG, IATA:	Not applicable
14.3. Transport hazard class(es)	
ADR, IMDG, IATA:	Not applicable
14.4. Packing group:	
ADR, IMDG, IATA:	Not applicable
14.5. Environmental hazards:	No
Marine pollutant:	No
Other information:	No supplementary information available
14.6. Special precautions for user:	Not applicable.
14.7. Maritime transport in bulk according to IMO instruments:	Not applicable.

**SECTION 15: Regulatory information**

---

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU-Regulations:	
Contains no substance on the REACH candidate list.	
Contains no substance on the REACH Annex XIV List.	
National regulations:	
No additional information available	
15.2. Chemical safety assessment:	A chemical safety assessment has not been carried out.

**SECTION 16: Other information**

---

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

Changes compared to the previous version:  
 Complete revision, updated composition



according to Regulation (EU) 2020/878  
Date of issue: 15.05.2018  
Revision date: 20.05.2025 Version/replaced Version 2.0/1.0

Page 6 of 6  
Printing date: 23.05.2025

## Hinrisid - Surfactant based debubbler

Full text of H- and EUH-phrases:

H302: Harmful if swallowed.  
H318: Causes serious eye damage.  
H412: Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
DMEL: Derived Minimal Effect Level  
DNEL: Derived No-Effect Level  
EC50: The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)  
IATA: International Air Transport Association  
IMDG: "International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea  
LC50: Lethal Concentration to 50 % of a test population (Median Lethal Concentration)  
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)  
LOAEL: Lowest Observed Adverse Effect Level  
NOAEC/L: No Observed Adverse Effect Concentration/Level  
NOEC/L: No Observed Effect Concentration/Level  
OECD: Organisation for Economic Cooperation and Development  
PBT: Persistent, Bioaccumulative and Toxic substance  
PNEC: Predicted No-Effect Concentration  
REACH: Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals  
SDS: Safety Data Sheet  
STP: Sewage Treatment Plant  
UFI: Unique Formula Identifier  
vPvB: Very Persistent and Very Bioaccumulative  
Acute Tox. 4 (oral): Acute toxicity (oral), Category 4  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3  
Eye Dam. 1: Serious eye damage/eye irritation, Category 1