

## Safety data sheet

### Orthopur-Hartschaum Komp. A

Uniprox Safety data sheet according to REACH 1907/2006/EC, Article 31

Product: Orthopur-Hartschaum Komp. A

Date / Revised: 29.07.2022

Documents number: MG100\_103\_Orthopur\_Hartschaum\_Komp\_A\_006\_EN

#### 1. Substance/ preparation and company identification

Trade name: Orthopur-Hartschaum Komp. A (MG100-103)

Application of substance/ the mixture: Chemical

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#### 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

##### 2.3 Other hazards

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

#### 3. Composition/information on ingredients

##### 3.2 Chemical characterisation: Mixtures

Components		CLP Classification	Product identifier
N,N-Dimethylcyclo - hexylamin	< 1%	Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Eye Dam. 1 H318, Aquatic Chronic 2 H411, Flam. Liq. 3 H226	CAS-No.: 98-94-2 EC-No.: 202-715-5 REACH No.: 01-2119533030-60
N,N-Bis(2-Dimethylaminoäthyl) Methylamin	< 1%	Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314	CAS-No.: 3030-47-5 EC-No.: 221-201-1 Index-No: 612-109-00-6

**Dangerous components:** Void

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

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**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.

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**5. Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**5.3 Advice for firefighters**

**Protective equipment:** Do not inhale explosion gases or combustion gases.

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**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.

**6.2 Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

**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**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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**7. Handling and storage**

**7.1 Precautions for safe handling** No special measures required.

**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**

**Additional information about design of technical facilities:** No further data; see item 7.

**8.1 Control parameters**

**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 can not 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.

**Eye protection:** Goggles recommended during refilling.

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

Fluid

**Colour:**

According to product specification

**Odour:**

Characteristic

**Odour threshold:**

Not determined.

**pH-value:**

Not determined.

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

Undetermined.

**Initial boiling point and boiling range:**

&gt;100 °C

**Flash point:**

190 °C

**Flammability (solid, gas):**

Not applicable.

**Ignition temperature:**

&gt;200 °C

**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:**

Not determined.

**Density:**

see product data sheet

**Relative density**

not determined

**Vapour density**

Not determined.

**Evaporation rate**

Not determined.

**Solubility in / Miscibility with**

<b>water:</b>	Fully miscible.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	see product data sheet
<b>Kinematic:</b>	Not determined.
<b>9.2 Other information</b>	No further relevant information available.

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## 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.

**10.5 Incompatible materials:** Ferrous metals, alloys and galvanized surfaces.

**10.6 Hazardous decomposition products:** In the event of fire the following can be released:  
CO<sub>x</sub>, NO<sub>x</sub>, SiO<sub>x</sub>.

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## 11. Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met.

#### **LD / LC 50 values relevant for classification:**

##### **ATE (Acute Toxicity Estimates)**

Oral	LD50	69,600 mg/kg
Dermal	LD50	50,000 mg/kg
Inhalative	LC50/4 h	376 mg/l

#### **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.

#### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**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** Based on available data, the classification criteria are not met.

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## 12. Ecological information

### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

#### **Additional ecological information:**

##### **General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

#### **12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

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**13. Disposal considerations**
**13.1 Waste treatment methods**

**Recommendation** Smaller quantities can be disposed of with household waste.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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**14. Transport information****14.1 UN-Number**

ADR, IMDG, IATA

not regulated

**14.2 UN proper shipping name**

ADR, IMDG, IATA

not regulated

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA

Class

not regulated

**14.4 Packing group**

ADR, IMDG, IATA

not regulated

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to**

Annex II of Marpol and the IBC Code

Not applicable.

UN "Model Regulation":

not regulated

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**15. Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU**

**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**

None of the ingredients is listed.

**National regulations:****Other regulations, limitations and prohibitive regulations**

Product does not contain any organic halogens.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**16. Other information****Disclaimer**

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