

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



697500

Revision: 10.03.2021  
Printing date: 10.03.2021

### SECTION 01: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:**  
BEROPUR U34 TRANSPARENT
- **Article number:**  
80638040090
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
The product is intended for professional use.
- **Application of the substance / the preparation**  
Underbody wax
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Beropur AG  
Feldstr. 8  
CH-8370 Sirnach  
Telefon: 0041 - 71960 0727  
Telefax: 0041 - 71960 0728  
E-Mail: [service@beropur.ch](mailto:service@beropur.ch)  
Internet: <http://www.beropur.ch>
- **Further information obtainable from:**  
Product safety department.
- **1.4 Emergency telephone number:**  
Schweizerisches Toxikologisches Informationszentrum (STIZ): Tel. +41 44 251 66 66 24h-  
Notfallnummer: +41 145 [www.toxi.ch](http://www.toxi.ch)

### SECTION 02: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Void
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard pictograms**  
Void
- **Signal word**  
Void
- **Hazard statements**  
EUH208 Contains reaction mixture, containing alpha-3-(3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl) propionyl-omega- hydroxypoly(oxyethylen) und alpha- 3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxy- phenyl)propionyl)-omega-3-(3-(2H-benzotriazol-2-, Sulfonic acids, petroleum, calcium salts. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
Not applicable.
- **vPvB:**  
Not applicable.

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**SECTION 03: Composition/information on ingredients**

• **3.2 Chemical characterization: Mixtures**

• **Description:**

Mixture of substances listed below with nonhazardous additions.

• **Dangerous components:**

CAS Number		%
64742-48-9	<b>Naphtha (petroleum), hydrotreated heavy</b> EC number: 265-150-3 Asp. Tox. 1 - H304	10,0 - <20,0
64742-48-9	<b>Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclics, &lt;2% aromatics</b> EC number: 918-481-9 Record number 01-2119457273-39 Asp. Tox. 1 - H304	10,0 - <20,0
64742-48-9	<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> EC number: 918-481-9 Record number 01-2119457273-39 Asp. Tox. 1 - H304	5 - <10,0
64742-65-0	<b>Distillates (petroleum), solvent-dewaxed heavy paraffinic (Note L: DMSO-extract IP 346: &lt; 3 %)</b> EC number: 265-169-7 Record number 01-2119471299-27 Asp. Tox. 1 - H304	2,5 - <5,0
61789-86-4	<b>Sulfonic acids, petroleum, calcium salts</b> EC number: 263-093-9 Record number 01-2119488992-18 Skin Sens. 1B - H317	1 - <2,5
	<b>reaction mixture, containing alpha-3-(3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl) propionyl-omega-hydroxypoly(oxyethylen) und alpha- 3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl)-omega-3-(3-(2H-benzotriazol-2-</b> EC number: 400-830-7 Record number 01-0000015075-76 Skin Sens. 1 - H317;  Aquatic Chronic 2 - H411	0,1 - <1,0

• **Additional information:**

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

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#### SECTION 04: First aid measures

- **4.1 Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.
- **After inhalation:**  
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Do not induce vomiting; call for medical help immediately.  
Seek immediate medical advice.
- **Information for doctor:**
- **4.2 Most important symptoms and effects, both acute and delayed**  
Headache  
Disziness  
Vertigo
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

#### SECTION 05: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Foam, dry powder, carbon dioxide, water mist
- **For safety reasons unsuitable extinguishing agents:**  
Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
Fire gas of organic material has to be classed invariably as respiratory poison.  
Vapours are heavier than air and spread on ground.  
Product possibly swims up on surface and reinflames.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information**  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

#### SECTION 06: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Use respiratory protective device against the effects of fumes/dust/ aerosol.
- **6.2 Environmental precautions:**  
Do not allow to enter sewers/ surface or ground water.  
Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.

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Dispose of the material collected according to regulations.

- **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.

### SECTION 07: Handling and storage

- **Handling:**

- **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Use solvent-proof equipment.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Tightly reclose container after each use.

Keep away from sources of ignition - No smoking

Avoid contact with eyes and skin.

In case of formation of aerosols an adequate exhaustion is necessary.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidising agents.

- **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

- **7.3 Specific end use(s)**

No further relevant information available.

### SECTION 08: Exposure controls/personal protection

- **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.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Apply solvent resistant skin cream before starting work.

Use skin protection cream for skin protection.

Be sure to clean skin thoroughly after work and before breaks.

Do not carry product impregnated cleaning cloths in trouser pockets.

- **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Combined filter: Particle-filtering half mask (filter P2 or P3) and gas filter (type A, colour brown)

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Respiratory protection in the event of aerosol or mist formation

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Solvent resistant gloves

- **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.

Gloves of nitrile rubber (thickness  $\geq$  0,45 mm; permeation  $\geq$  480 min)

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq$  0,7 mm

Permeation time  $\geq$  480 minutes

- **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:**

Safety glasses

Tightly sealed goggles

- **Body protection:**

Flame retardant and antistatic protective clothing

## SECTION 09: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Liquid
<b>Colour:</b>	Yellowish
<b>Odour:</b>	Mild
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not applicable.

##### Change in condition

<b>Initial boiling point and boiling range:</b>	> 180,0 °C
<b>Flash point:</b>	$\geq$ 61,0 °C DIN EN ISO 2719 (PM)
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Ignition temperature:</b>	> 200,00 °C
<b>Auto-ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	0,60 Vol %
<b>Upper:</b>	6,50 Vol %
<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	0,9400 g/cm <sup>3</sup> 15°C
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Viscosity:</b>	
<b>Dynamic:</b>	at 23,00 °C 550,00 mPa.s

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<b>Kinematic:</b>	Not determined.	
<b>Solvent content:</b>		
<b>VOC (EC)</b>	161,36 g/l	17,3512 %
<b>Solids content:</b>	72,00 %	
<b>9.2 Other information</b>	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:**  
Flames, sparks, heat.
- **10.3 Possibility of hazardous reactions**  
No dangerous reactions known.
- **10.4 Conditions to avoid**  
No further relevant information available.
- **10.5 Incompatible materials:**  
Strong oxidizing agents
- **Dangerous reactions**  
No dangerous reactions known.
- **10.6 Hazardous decomposition products:**  
Danger of forming toxic pyrolysis products.
- **Additional information:**  
No further relevant information available.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values relevant for classification:**
  - 64742-48-9** Naphtha (petroleum), hydrotreated heavy  
Oral, LD50: >2000 mg/kg (rat)  
Dermal, LD50: >2000 mg/kg (Rabbit)
  - 64742-48-9** Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclics, <2% aromatics  
Oral, LD50: > 5000 mg/kg (rat)  
Dermal, LD50: > 5000 mg/kg (Rabbit)  
Inhalative, LC50: >5 mg/l (rat) (OECD 403)
  - 64742-48-9** Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Oral, LD50: > 5000 mg/kg (rat)  
Dermal, LD50: > 5000 mg/kg (Rabbit)  
Inhalative, LC50: > 4,951 mg/l (rat) (4h, vapour)
  - 61789-86-4** Sulfonic acids, petroleum, calcium salts  
Oral, LD50: >16000 mg/kg (rat)  
Dermal, LD50: >=4001 mg/kg (rat)
- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Frequent resp. persistent skin contact may degrease skin, what may cause skin complaints and dermatitis.
- **Serious eye damage/irritation**  
No irritating effect.

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- **Respiratory or skin sensitisation**  
May produce allergic reactions  
Specific Concentration Limit for CAS-No. 61789-86-4:  $\geq 10\%$
- **Additional toxicological information:**  
The risk assessment of the preparation concerning adverse health effects is based on the available data.  
After inhalation of vapors: irritations of mucous membranes, drowsiness; in high doses: head aches, nausea, vomiting, dizziness, narcosis  
Contact with eyes may cause irritation.  
Inhalation of spray mist / aerosols may cause irritation of the mucous membranes of respiratory tract.  
Frequent resp. persisting skin contact may lead to skin complaints and dermatitis.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
The substance is not known as mutagenic. The substance is not known as cancerogenic. The substance is not known as toxic to reproduction.
- **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.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
  - 64742-48-9**      **Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclics, <2% aromatics**  
LC0/96h: 1000 mg/l (fish)
  - 64742-48-9**      **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics**  
LC0/96h: 1000 mg/l (fish)  
LC0/48h: 1000 mg/l (daphnie)
  - 61789-86-4**      **Sulfonic acids, petroleum, calcium salts**  
LC50:  $\geq 10000$  mg/l (Activated sludge)
- **12.2 Persistence and degradability**  
No further relevant information available.
- **Behaviour in environmental systems:**
- **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.
- **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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### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Waste disposal key:**  
The waste key number has to be specified acc. European Waste Catalogue (depending on branches and processes).
- **Uncleaned packaging:**
- **Recommendation:**  
Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN-Number**  
ADR Void  
IMDG Void  
IATA Void
- **14.2 UN proper shipping name**  
ADR Void  
IMDG Void  
IATA Void
- **14.3 Transport hazard class(es)**  
ADR  
Class Void  
IMDG  
Class Void  
IATA  
Class Void
- **14.4 Packing group**  
ADR Void  
IMDG Void  
IATA Void
- **14.5 Environmental hazards:**  
Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**  
Not applicable.
- **Transport/Additional information:**  
Not applicable.

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **National regulations:**  
For components with workplace-related limit values → that require monitoring, see Section 8.1
- **15.2 Chemical safety assessment:**  
A Chemical Safety Assessment has not been carried out for the mixture.

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### 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.

- **Relevant phrases**

- H304 May be fatal if swallowed and enters airways.
- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

- **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)
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
- VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative

- **\* Data compared to the previous version altered.**