

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



701900

Revision: 25.03.2021
Printing date: 25.03.2021

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

- **1.1 Product identifier**
- **Trade name:**
BEROPUR VA 70
- **Article number:**
80070000090
- **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**
Cavity wax / Corrosion protection
- **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
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

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 Rape oil, reaction products with diethylenetriamine. May produce an allergic reaction.
EUH210 Safety data sheet available on request.
- **Additional information:**
The product is an oxidative drying system. With such systems contaminated cleaning rags tends to spontaneous inflammation!
Used cleaning material must be stored in nonflammable containers with shut tightly cover.
- **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:**

Alkyd resins, anticorrosion additives (sulphonates), mineral oil, pigments, thickener, additives
Alkyd resins, anticorrosion additives (sulphonates), fatty acid ester, pigments, thickener, siccative, fluorescent dye

- **Dangerous components:**

CAS Number		%
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic , Note L: DMSO-extract IP 346: < 3 % EC number: 265-157-1 Record number 01-2119484627-25  Asp. Tox. 1 - H304	5 - <10,0
64743-00-6	Hydrocarbon waxes (petroleum), oxidized EC number: 265-205-1 Record number 01-2119972699-13  Eye Irrit. 2 - H319	5 - <10,0
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic (Note L: DMSO extract IP 346: < 3 %) EC number: 265-158-7 Record number 01-2119487077-29  Asp. Tox. 1 - H304	2,5 - <5,0
91081-13-9	Rape oil, reaction products with diethylenetriamine EC number: 293-615-0 Record number 01-2120743155-59  Skin Sens. 1B - H317	1 - <2,5

- **Additional information:**

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

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; consult doctor in case of complaints.

- **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:**

Seek immediate medical advice.

- **Information for 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**

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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.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information**
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.
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).
Dispose of the material collected according to regulations.
Used cleaning material has to be stored in special incombustible containers with tightly closing lids!
- **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.
Tightly reclose container after each use.
Avoid contact with eyes and skin.
In case of formation of aerosols an adequate exhaustion is necessary.
- **Information about fire - and explosion protection:**
The product is an oxidative drying system. With such systems contaminated cleaning rags tends to spontaneous inflammation!
Used cleaning material must be stored in nonflammable containers with shut tightly cover.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in unopened original receptacles.
Suitable material for receptacles and pipes: steel or stainless steel.

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- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Store under inert gas.
- **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
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)
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
In case of skin contact wear suitable gloves.
Oil 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.
Nitrile rubber, NBR
Recommended thickness of the material: $\geq 0,7$ mm
Permeation time ≥ 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
- **Body protection:**
Protective work clothing

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SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Colour:	Light brown
Odour:	Mild
Odour threshold:	Not determined.
pH-value:	Not applicable.

Change in condition

Initial boiling point and boiling range: Undetermined.

Flash point: 134,0 °C DIN EN ISO 2719 (PM)

Flammability (solid, gas): Not applicable.

Auto-ignition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.

Upper: Not determined.

Vapour pressure: Not determined

Density: 0,9600 - 1,0600 g/cm³ 15°C

Solubility in / Miscibility with

water: Not miscible or difficult to mix.

Viscosity:

Dynamic: at 23,00 °C 200,00 - 275,00 mPa.s

Kinematic: Not determined.

Solvent content:

VOC (EC) 0,91 g/l 0,0902 %

Solids content: 100,00 %

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 and stored according to specifications.

- **10.3 Possibility of hazardous reactions**

No dangerous reactions known.

- **10.4 Conditions to avoid**

Very high temperatures und direct exposure to sunlight.

Do not leave containers open.

- **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.

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SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values relevant for classification:**
 - 64742-54-7** **Distillates (petroleum), hydrotreated heavy paraffinic, Note L: DMSO-extract IP 346: < 3 %**
Oral, LD50: >=5001 mg/kg (rat)
Dermal, LD50: >=3001 mg/kg (Rabbit)
 - 64743-00-6** **Hydrocarbon waxes (petroleum), oxidized**
Oral, LD50: >5000 mg/kg (rat) (GLP compliant study)
 - 64742-55-8** **Distillates (petroleum), hydrotreated light paraffinic (Note L: DMSO extract IP 346: < 3 %)**
Oral, LD50: >5000 mg/kg (rat)
Dermal, LD50: >5000 mg/kg (Rabbit)
 - 91081-13-9** **Rape oil, reaction products with diethylenetriamine**
Oral, LD50: >2000 mg/kg (rat)
Dermal, LD50: >2000 mg/kg (Rabbit)
- **Primary irritant effect:**
- **Skin corrosion/irritation**
No irritant effect.
- **Serious eye damage/irritation**
No irritating effect.
- **Respiratory or skin sensitisation**
May produce allergic reactions
Specific Concentration Limit for CAS-No. 91081-13-9: >= 5,5 %
- **Additional toxicological information:**
The risk assessment of the preparation concerning adverse health effects is based on the available data.
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:**
 - 64742-54-7** **Distillates (petroleum), hydrotreated heavy paraffinic, Note L: DMSO-extract IP 346: < 3 %**
EC50/72h: >100 mg/l (alga)
LC50/96h: >100 mg/l (fish)
EC50/48h: >10000 mg/l (daphnie)
 - 64743-00-6** **Hydrocarbon waxes (petroleum), oxidized**
EC50/72h: >100 mg/l (alga) (OECD 201)

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LC50/96h: >100 mg/l (fish) (OECD 203)
EC50/48h: >100 mg/l (daphnie) (OECD 202)

91081-13-9 Rape oil, reaction products with diethylenetriamine

EC50/72h: >100 mg/l (alga)
LC50/96h: >100 mg/l (fish)
EC50/48h: >100 mg/l (daphnie)

• **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.

Biodegradability:

64742-54-7 Distillates (petroleum), hydrotreated heavy: Readily biodegradable with a mean degradation of 31 % (28 d, OECD TG 301 B)

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

• **PBT:**

Not applicable.

• **vPvB:**

Not applicable.

• **12.6 Other adverse effects**

No further relevant information available.

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 Void

Class Void

IMDG

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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.

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. The information is believed to be correct, but comprehensive and is to be used for guidance only, which is based on current knowledge of the chemical or mixture and applicable to appropriate safety precautions for the product.

• **Relevant phrases**

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

• **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

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