

Safety data sheet

ipocon Verdickungsmittel

Uniprox Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Product: ipocon Verdickungsmittel (MG 303)

Date / Revised: 06.10.2020

Document-No.: MG303_ipocon_Verdickungsmittel_001_EN

1. Substance/ preparation and company identification

1.1 Product identifier

Trade name: ipocon Verdickungsmittel (MG 303)

Utilization of the substance of the formulation: thixotropic agent for silicone rubber systems

CAS Number: 25322-69-4

Registration number 01-2119457556-29-xxxx

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Uniprox GmbH & Co. KG

Heinrich-Heine-Straße 4

D- 07937 Zeulenroda-Triebes

Telephone: +49 (0) 36628-66-33 00

Telefax number: -49 (0) 36628-66-33-55

E-Mail: info@uniprox.de

Emergency information:

Giftzentrale Göttingen

Telephone: +49 (0) 551-19240

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

Polypropylenglykol

Hazard statements

H302 Harmful if swallowed.

Precautionary statements

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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

PBT: Not applicable.

vPvB: Not applicable.

3. Composition/information on ingredients**3.1 Chemical characterization: Substance****CAS No. Description**

25322-69-4 Polypropylenglykol

Description: Mixture: consisting of the following components.

Dangerous components: Void

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

4. 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. Then consult a doctor.

After swallowing:

Do not induce vomiting; call for medical help immediately.

If swallowed, rinse mouth with water (only if the person is conscious).

A person vomiting while laying on their back should be turned onto their side.

Call a doctor immediately.

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.

5. Fire-fighting Measures**5.1 Extinguishing media****Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

carbon dioxide

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

6.2 Environmental precautions: 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).

Dispose contaminated material as waste according to item 13.

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.

7. Handling and Storage

7.1 Precautions for safe handling provide for best ventilation in the work space

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Segregate from foods and animal feeds. Segregate from acids. Segregate from oxidants.

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with oxidising and acidic materials.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

Storage class: 10

7.3 Specific end use(s) No further relevant information available.

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: Not required.

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:

Respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles (eg. as EN 143 or 149, Type P2 or FFP2)

Not necessary if room is well-ventilated.

Protection of hands:

Preventive skin protection (3-point program) required

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.

In case of spray contact at least protection index 2 recommended, according to more than 30 min. penetration time (EN 374).

Layer thickness of gloves at least: 0.4 mm

In case of prolonged and intensive contact protection index 6 recommended, according to more than 480 min. penetration time (EN 374).

Layer thickness of gloves at least: 0.7 mm

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.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

Body protection: Protective work clothing

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
Flash point:	> 160 °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:	Not determined.
Density at 20 °C:	1 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Insoluble.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic at 20 °C:	400 mPas
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	0.0 %
VOC (EC)	0.0 g/l

9.2 Other information

No further relevant information available.

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:** Incompatible with oxidizing agents, acids**10.6 Hazardous decomposition products:** If handled accordingly no products of decomposition.**11. Toxicological Information****11.1 Information on toxicological effects****Acute toxicity**

Harmful if swallowed.

LD/LC50 values relevant for classification:**25322-69-4 Polypropylenglykol**

Oral LD50 2,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rabbit)

Primary irritant effect:**Skin corrosion/irritation** no datas available**Serious eye damage/irritation** no datas available**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.

12. Ecological Information**12.1 Toxicity****Aquatic toxicity:****25322-69-4 Polypropylenglykol**

LC50 (96 h) >100 mg/l (Oncorhynchus mykiss)

EC50 (48 h) >100 mg/l (Daphnia Magna)

ErC50 (72h) >100 mg/l (Scenedesmus subspicatus)

12.2 Persistence and degradability No further relevant information available.**Other information:** Elimination by adsorption onto activated sludge**12.3 Bioaccumulative potential** No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it 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.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

07 02 08* other still bottoms and reaction residues

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

14.1 UN-Number

ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

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": Void

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

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

Polypropylenglykol

Hazard statements

H302 Harmful if swallowed.

Precautionary statements

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

National regulations:

Waterhazard class: Water hazard class 1 (VwVwS 17.05.99): slightly hazardous for water.

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

16. Other information

Recommended restriction of use

The information in this safety data sheet corresponds to the best of our knowledge at the time of the revision. The information should give you clues for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product mentioned in this safety data sheet is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way.

This information refers explicit to the indicated product. In opinion of the Uniprox GmbH & Co. KG this information is right and reliable at the time of the generation. Uniprox GmbH & Co KG don't assume an express or silent warranty concerning to it's correctness, reliability or completeness. Everybody who received this information, is requested by the Uniprox GmbH & Co KG, to decide about suitability and completeness of these information for his special application.