

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

Labshop

Chemicals, Restoration and Art Supplies

76910 Thickener K 15

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Revised edition: 03.07.2017

Version: 1.1

Printed: 22.01.2019

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Thickener K 15

Article No.: 76910

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Raw material for industrial purposes

Raw material

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Interlabshop B.V.

Address: Lage Brink 23, 7317 BD Apeldoorn The Netherlands

Tel./Fax.: Tel. +3155-5215016

Internet: www.Labshop.nl

EMail: labshop@labshop.nl

Importer: --

1.4. *Emergency No.:* --

Emergency No.: --

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Classification according to Directive No. 67/548/EC or No. 1999/45/EC

The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

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2.3. Other Hazards

EUH208: Contains 2-Methyl-2H-isothiazol-3-one; contains 1,2-Benzisothiazol-3(2H)-one. Can cause allergic reactions.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Aqueous dispersion of acrylic polymer based on: methacrylic acid and ethylacrylate (conc. approx. 30%)

EINECS: The raw material of the polymer are listed in the EINECS.

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air and seek medical advice in case of complaints.

After skin contact:

Remove contaminated clothing immediately. Wash off immediately with plenty of water and soap.

After eye contact:

Rinse open eyes with plenty of water. In case of discomfort seek medical help.

After ingestion:

Immediately get medical help.

Do not induce vomiting.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

Swallowing: may cause stomach irritation, nausea, vomiting and diarrhea.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Product itself does not burn.

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

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5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: hazardous gases/vapors may be released.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Further information:

Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (e.g. sand, acid binder, universal binder, sawdust) and collect in appropriate containers for disposal.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Provide adequate ventilation.

Avoid contact with eyes, skin and clothing.

Hygienic measures:

No further measures, see Section 8.

Do not inhale dust. Wash hands before breaks and at the end of work.

Do not eat or drink during work. Do not smoke.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry room.

Store between 5 - 35°C.

Protect from frost.

Protect against heat, ignition sources and direct sunlight.

Requirements for storage areas and containers:

Store the product in the original container.

Store product in correctly labelled containers.

Information on fire and explosion

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*protection:**Follow the usual measures for preventive fire protection.**Storage class (VCI):**12; Non-combustible liquids**Further Information:***7.3. Specific End Use(s)***Further information:**The technical guidelines for the application of this product/mixture should be followed.*

8. Exposure Controls/Personal Protection**8.1. Parameters to be Controlled***Parameters to be controlled (DE):**none known**Parameters to be controlled:**Derived No-Effect Level (DNEL):**Predicted No-Effect Concentration (PNEC):**Additional Information:***8.2. Exposure Controls***Technical protective measures:**Adequate ventilation.**Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.**Personal Protection**General protective measures:**The usual precautionary measures are to be adhered to when handling chemicals.**Avoid contact with eyes and skin.**Remove contaminated clothing immediately.**Respiratory protection:**Respiratory equipment required in case of insufficient ventilation, filter type A.**Hand protection:**Protective gloves (EN 374)**Protective glove material:**Nitrile rubber (480 min, 0.4 mm)**Eye protection:**Safety glasses (EN 166)**Body protection:**Environmental precautions:**Do not allow entering sewerage system.*

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9. Physical and Chemical Properties**9.1. Information on Basic Physical and Chemical Properties**

| | |
|--|-------------------------------------|
| <i>Form:</i> | <i>liquid</i> |
| <i>Color:</i> | <i>whitish</i> |
| <i>Odor:</i> | <i>slightly ester-like</i> |
| <i>Odor threshold:</i> | <i>No information available.</i> |
| <i>pH-Value:</i> | <i>2.5 - 4.0 (20°C)</i> |
| <i>Melting temperature:</i> | <i>not determined</i> |
| <i>Boiling temperature:</i> | <i>not determined</i> |
| <i>Flash point:</i> | <i>not applicable</i> |
| <i>Evaporation rate:</i> | <i>not applicable</i> |
| <i>Flammability (solid, gas):</i> | <i>not applicable</i> |
| <i>Upper explosion limit:</i> | <i>no information available</i> |
| <i>Lower explosion limit:</i> | <i>no information available</i> |
| <i>Vapor pressure:</i> | <i>ca. 23 hPa (20°C)</i> |
| <i>Vapor density:</i> | <i>No information available.</i> |
| <i>Density:</i> | <i>1.05 g/cm³ (20°C)</i> |
| <i>Solubility in water:</i> | <i>dilutable</i> |
| <i>Coefficient of variation (n-Octanol/Water):</i> | <i>not determined</i> |
| <i>Auto-ignition temperature:</i> | <i>not applicable</i> |
| <i>Decomposition temperature:</i> | <i>No data available.</i> |
| <i>Viscosity, dynamic:</i> | <i>5 - 30 mPa.s (20°C)</i> |
| <i>Explosive properties:</i> | <i>not applicable</i> |
| <i>Oxidizing properties:</i> | <i>no information available</i> |

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Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

No information available.

10.4. Conditions to Avoid

Conditions to avoid:

Protect from heat and direct sunlight.

Thermal decomposition:

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

No information available.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

Slight irritant effect

Inhalation:

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No information available.

Ingestion:

No information available

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

98 % (OECD 302B)

Can be eliminated from water by chemical adsorption.

12.3. Bioaccumulation

No bioaccumulation expected.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).

12.6. Other Adverse Effects

Water hazard class:

Do not let product contaminate ground water, waterways or sewage system.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

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13. Disposal Considerations**13. 1. Waste Treatment Methods***Product:**Dispose of according to official national and local regulations.**European Waste Code (EWC):**Uncleaned packaging:**Dispose of according to official local regulations.**Waste Code No.:*

14. Transport Information**14. 1. UN Number***ADR, IMDG, IATA***14. 2. UN Proper Shipping Name***ADR/RID:**No hazardous goods according to ADR (land transportation).**IMDG/IATA:**No hazardous goods according to IMDG.***14. 3. Transport Hazard Classes***ADR Class:**not applicable**Hazard no.:**Classification code:**Tunnel restriction code:**IMDG Class (sea):**Hazard no.:**EmS No.:**IATA Class:**not applicable**Hazard no.:***14. 4. Packaging Group***ADR/RID:**not applicable**IMDG:**IATA:***14. 5. Environmental Hazards***None***14. 6. Special Precautions for User***Not classified as a dangerous good under transport regulations.***14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code**

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not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water (German Regulation, Assessment by list)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15.3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.