

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

78032

Orotan 731 K

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Revised edition: 23.05.2017

Version: 7.1

Printed: 13.06.2019

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

1.1. Product Identifier

Product Name: Orotan 731 K

Article No.: 78032

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

Identified uses:

Dispersing polymer

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

E-Mail: labshop@labshop.nl

Importer: --

1.4. *Emergency No.:* --

Emergency No.: --

1.4.2. Poison Center:

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.

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:

2.3. Other Hazards

Contains 1,2-Benzisothiazol-3(2H)-one: can cause allergic reactions.

Composition/Information on Ingredients

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3.

3.1. **Substance**

3.2. **Mixture**

Chemical Characterization: Water soluble polycarboxylate

Information on Components / Hazardous Ingredients:

Does not contain any hazardous components according to EC Guidelines 1272/2008.

Additional information:

4. **First Aid Measures**

4.1. **Description of the First Aid Measures**

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air.

After skin contact:

Wash off with plenty of water.
If symptoms persist, consult a physician.

After eye contact:

Rinse eyes with water.
Seek medical attention if irritation persists.

After ingestion:

Give water to drink (at the most 2 glasses). Consult a physician in case of complaints.
Never give anything by mouth to an unconscious person.

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

Symptoms:

No further information available.

Effects:

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

Treatment:

Treat symptomatically.

5. **Fire-Fighting Measures**

5.1. **Extinguishing Media**

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

5.2. **Special Hazards arising from the Substance or Mixture**

Special hazards:

Material can splatter above 100°C/212°F. Dried product can burn.

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5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device and protective clothing.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

Keep unprotected persons out of danger zone.

Floor may be slippery; use care to avoid falling.

6.2. Environmental Precautions

Environmental precautions:

Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Dispose accordingly. Rinse spill area.

6.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid contact with eyes, skin and clothing.

Keep containers tightly closed.

Do not breathe vapors, spray or gas.

Hygienic measures:

Wash thoroughly after handling.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Keep from freezing; material may coagulate.

Stir well before use.

Store between 1-49°C (34-120°F).

Requirements for storage areas and containers:

Information on fire and explosion protection:

Monomer vapors may be evolved when material is heated during processing operations.

Storage class:

Further Information:

7.3. Specific End Use(s)

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Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Does not contain any components with workplace limit values.

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Use local exhaust ventilation in case of dust and/or fume formation.

Facilities storing or utilizing this material should be equipped with an eyewash facility.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Provide adequate ventilation.

Hand protection:

Protective gloves

Protective glove material:

Neoprene

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

No special protection required.

Environmental precautions:

Do not allow entering sewerage system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: colorless

Odor: none

Odor threshold: No information available.

pH-Value: 9.5 - 10.8

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Melting temperature:	0°C (H2O)
Boiling temperature:	100°C (H2O)
Flash point:	not combustible
Evaporation rate:	< 1.00 H2O
Flammability (solid, gas):	not available
Upper explosion limit:	no information available
Lower explosion limit:	no information available
Vapor pressure:	17.0 mmHg (20°C; H2O)
Vapor density:	< 1.00 H2O
Density:	1.00 - 1.20 g/cm ³
Solubility in water:	soluble
Coefficient of variation (n-Octanol/Water):	no information available
Auto-ignition temperature:	No information available.
Decomposition temperature:	not determined
Viscosity, dynamic:	55000 - 185000 mPa.s
Explosive properties:	not available
Oxidizing properties:	No information available.

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

Percent volatility: 74 - 76 % water

10. Stability and Reactivity

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10.1. Reactivity	<i>Stable if used according to specifications.</i>
10.2. Chemical Stability	<i>Stable if used according to specifications.</i>
10.3. Possibility of Hazardous Reactions	<i>Hazardous polymerisation will not occur.</i>
10.4. Conditions to Avoid	
<i>Conditions to avoid:</i>	<i>No information available.</i>
<i>Thermal decomposition:</i>	<i>No data available.</i>
10.5. Incompatible Materials	<i>None known.</i>
10.6. Hazardous Decomposition Products	<i>None known.</i>
10.7. Further Information	<i>Product does not polymerize.</i>

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 5000 mg/kg (rat)

LD50, dermal: > 2000 mg/kg (rabbit)

LC50, inhalation: > 17.6 mg/l (1h; rat)

Primary effects

Irritant effect on skin:

Slight irritant effect (rabbit).

Irritant effect on eyes:

Slight irritant effect (rabbit).

Inhalation:

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.

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Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

Aspiration hazard: not applicable

12. Ecological Information

12.1. Aquatic Toxicity

No information available.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

On the basis of available data, the product does not contain and PBT or vPvB in percentage greater than 0.1 %.

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

No ecological data available.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

European Waste Code (EWC):

Uncleaned packaging:

Waste Code No.:

14. Transport Information

14.1. UN Number

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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

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)

Local regulations on chemical accidents:

Seveso III Directive: not applicable under Directive 2012/18/EC.

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

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15.2. Chemical Safety Assessment

Exempted from the mandatory REACH Registration since this product is a polymer.

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.