

Safety Data Sheet

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

O7690 Thickener ASE 60

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Revised edition: 31.08.2021

Version: 5.0

Printed: 29.07.2024

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

1.1. Product Identifier

Product Name: Thickener ASE 60

Article No.: O7690

UFI: --

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

Identified uses:
Rheological modifier

Uses advised against:

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

Company: Interlabshop BV

Address: Lage Brink 23, 7317BD Apeldoorn The Netherlands

Tel./Fax.: +31(0)55-5215016

Internet: www.labshop.nl

E-Mail: labshop@labshop.nl

Importer: --

1.4. Emergency No.

Emergency No.: +31(0)55-5215016 (Mon-Fri 8:30 - 17:30)

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

3. Composition/Information on Ingredients

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3.1. Substance

3.2. Mixture

Chemical Characterization: Acrylic copolymer
Mixture

*Information on Components / Hazardous
Ingredients:*

*This product does not contain any hazardous components
according to EC Directive 1272/2008.*

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.

After skin contact:

*Wash off with plenty of water and soap. Consult a physician if
irritation persists.*

After eye contact:

*Rinse open eye for several minutes under running water. Should
irritation continue, seek medical advice.*

*Remove the contact lenses within the first 1-2 minutes and
continue rinsing for additional minutes.*

After ingestion:

Drink plenty of water. Get medical help in case of discomfort.

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:

None known.

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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*In case of fire: formation of carbon monoxide, carbon dioxide.***5.3. Advice for Firefighters***Protective equipment:**Wear self-contained respiratory protective device and protective clothing.**Further information:**Thermal decomposition may yield acrylic monomers.*

6. Accidental Release Measures**6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Wear appropriate protective equipment. Keep spectators away.
Together with water product causes slippery surfaces.***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:**Contain with absorbent, inert material (sand, earth) and dispose accordingly.***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:**Do not breathe vapors, spray or gas.
Avoid contact with eyes, skin and clothing.**Hygienic measures:**Wash hands at the end of work. Preventive skin protection recommended.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store in tightly sealed containers in a dry room.
Keep from freezing; material may coagulate.
Stir well before use.
Store between 1-49°C (34-120°F).**Requirements for storage areas and containers:**Keep container tightly closed.**Information on fire and explosion protection:**Monomer vapors may be evolved when material is heated during processing operations.*

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*Storage class:**Further Information:***7.3. Specific End Use(s)***Further information:**No information available.*

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:**Facilities storing or utilizing this material should be equipped with an eyewash facility.**Adequate ventilation.**Personal Protection**General protective measures:**The usual precautionary measures are to be adhered to when handling chemicals.**Respiratory protection:**None required under normal operating conditions.**Hand protection:**Protective gloves (EN 374)**Protective glove material:**Recommended: Protective index 4, corresponding > 120 min. of permeation time (EN 374).**Neoprene, nitrile rubber (NBR), polyvinyl chloride (PVC) (> 0.35 mm)**Eye protection:**Safety glasses with protective shields (EN 166).**Body protection:**No special protection required.**Environmental precautions:*

9. Physical and Chemical Properties**9.1. Information on Basic Physical and Chemical Properties***Form:* liquid*Color:* milky white

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Odor:	acrylic
Odor threshold:	no information available
pH-Value:	2.1 - 3.5
Melting temperature:	0°C (H2O)
Boiling temperature:	100°C (H2O; 760 mmHG)
Flash point:	not combustible
Evaporation rate:	< 1.00 H2O
Flammability (solid, gas):	non-combustible
Upper explosion limit:	no information available
Lower explosion limit:	no information available
Vapor pressure:	2266.5 Pa (20°C H2O)
Vapor density:	< 1.00 H2O
Density:	1.00 - 1.20 g/cm3
Solubility in water:	dilutable
Coefficient of variation (n-Octanol/Water):	no information available
Auto-ignition temperature:	No information available.
Decomposition temperature:	No data available.
Viscosity, dynamic:	100 mPa.s (max.)
Explosive properties:	not applicable
Oxidizing properties:	none
Bulk density:	not applicable

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

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Solid content:

Particle size:

Other information:

Percent volatility: 71 - 73 % water

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

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid heat.

Thermal decomposition:

Thermal decomposition may yield acrylic monomers.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

Product does not polymerize.

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

LD50, oral:

> 5000 mg/kg (rat)

Very low oral toxicity. No harmful effects expected after swallowing small amounts.

LD50, dermal:

> 5000 mg/kg (rabbit)

No adverse effects expected when exposed over a longer period of time.

LC50, inhalation:

> 16.34 mg/l (1h, rat)

No side effects expected after a single exposure to vapor.

Primary effects

Irritant effect on skin:

Shortterm exposition may cause slight skin irritation with local redness.

Irritant effect on eyes:

Can cause a slight temporary eye irritation.

Inhalation:

No information available.

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Ingestion:

No information available

Sensitization:

Did not cause any allergic reactions during tests carried out with humans.

No sensitizing effects known (guinea pig).

Mutagenicity:

In vitro genetic-toxicity: no mutagenic effects

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

Single exposure: no organospecific toxicity expected.

Repeated exposure: no information available.

Aspiration hazard:

No risk of aspiration.

11.2. Information on other Hazards

Endocrine Disrupting Properties:

This substance/mixture does not contain any components with endocrine disrupting properties in a percentage of 0.1 or greater, according to Article 57(f) of the REACH Regulation (EC) No. 1907/2006 or the Delegated Regulation (EC) 2017/2100 or the Delegated Regulation (EC) 2018/605.

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

LC50: > 1000 mg/l (96h, *Pimephales promelas*)

NOEC: 1000 mg/l (96h, *Pimephales promelas*)

Daphnia toxicity:

EC50: > 1000 mg/l (48h, *Daphnia magna*; OECD 202)

NOEC: 1000 mg/l (48h, *Daphnia magna*)

Bacteria toxicity:

no information available

Algae toxicity:

No information available.

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

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12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Endocrine Disrupting Properties

This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) No. 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.

12.7. Other Adverse Effects

Water hazard class:

Do not let run into surface waters, waste water or soil.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

European Waste Code (EWC):

The waste code must be determined together with the regional disposal service.

Uncleaned packaging:

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 / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

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not applicable

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. Maritime Transport in Bulk according to IMO Instruments

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:

15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.
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.