

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 1

Revised edition: 04.03.2016

Version: 4.1

Printed: 02.05.2017

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

1.1. Product Identifier

Product Name: Thickener ASE 60

Article No.: 76900

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 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.: --

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:

Other Hazards

next page: 2

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 2

Revised edition: 04.03.2016

Version: 4.1

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2.3.

3. Composition/Information on Ingredients

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.*

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:

next page: 3

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 3

Revised edition: 04.03.2016

Version: 4.1

Printed: 02.05.2017

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

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.

next page: 4

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 4

Revised edition: 04.03.2016

Version: 4.1

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Storage class (VCI):

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:

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Recommended: Protective index 4, > 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:

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form:

liquid

next page: 5

Safety Data Sheet

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

76900 Thickener ASE 60

Page 5

Revised edition: 04.03.2016

Version: 4.1

Printed: 02.05.2017

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

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 6

Revised edition: 04.03.2016

Version: 4.1

Printed: 02.05.2017

Solvent content:

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 Toxicological Effects

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:

No side effects expected after a single exposure with good ventilation. Vapors formed after heating the product or in case of insufficient ventilation can cause headaches or nausea.

Primary effects

Irritant effect on skin:

Slight irritant effect (rabbit).

Irritant effect on eyes:

Slight irritant effect (rabbit).

Inhalation:

next page: 7

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 7

Revised edition: 04.03.2016

Version: 4.1

Printed: 02.05.2017

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):

Single exposure: no organospecific toxicity expected.

Repeated exposure: no information available.

Additional toxicological information:

No risk of aspiration.

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

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

Daphnia toxicity:

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

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.

12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Other Adverse Effects

Water hazard class:

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

Behaviour in sewage systems:

Further ecological effects:

next page: 8

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 8

Revised edition: 04.03.2016

Version: 4.1

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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 (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

next page: 9

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

76900 Thickener ASE 60

Page 9

Revised edition: 04.03.2016

Version: 4.1

Printed: 02.05.2017

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:

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.

Polymer: exempted from the mandatory REACH Registration.

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.