



SAFETY DATA SHEET

AquaSure

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name AquaSure

1.2 Relevant identified uses of the substance and uses advise against

Product uses Hot-applied rubberized asphalt waterproofing membrane.

1.3 Details of the supplier of the safety data sheet

Company Ayla Construction Chemicals,
P.O. Box 1117,
Amman 11118,
Jordan
Tel. + 962 6 5338891
Fax: + 962 6 5338829
www.dcp-int.com

1.4 Emergency telephone number

Emergency telephone number + 962 6 5338891 (available during office hours)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

CLP: Carc. 1B, Repr. 1B, STOT RE 1

2.2 Label elements



Signal word(s) Danger.

Hazard statement

H350	May cause cancer.
H360	May damage fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.



Precautionary statement

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P308+313	IF exposed or concerned: Get medical advice/attention.
P281	Use personal protective equipment as required.
P201	Obtain special instructions before use.
P314	Get medical advice/attention if you feel unwell.
P270	Do not eat, drink or smoke when using this product.
P405	Store locked up.
P202	Do not handle until all safety precautions have been read and understood.

Other hazards

This product is solid at room temperature, it liquefies when heated for application. If heated for temperatures above the recommended temperature in the technical data sheet, it can release harmful vapors and/or hydrogen sulfide.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture Mixture.

Asphalt	50 – 60 %
CAS number: 8052-42-4	EC number: 232-490-9
Classification	Classification (67/548/EEC or 1999/45/EC)
—	—
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil - unspecified	5 – 10 %
CAS number: 64742-52-5	EC number: 265-155-0
Classification	Classification (67/548/EEC or 1999/45/EC)
Carc. 1B - H350	R45
1,3-Butadiene/styrene copolymers	5 – 10 %
CAS number: 9003-55-8	EC number: 618-370-2
Classification	Classification (67/548/EEC or 1999/45/EC)
—	—
Rubber, natural	5 – 10 %
CAS number: 9006-04-6	EC number: 232-689-0
Classification	Classification (67/548/EEC or 1999/45/EC)
—	—



Carbon black		1 – 5 %
CAS number: 1333-86-4	EC number: 215-609-9	
Classification —	Classification (67/548/EEC or 1999/45/EC) —	
Zinc oxide		< 0.5 %
CAS number: 1314-13-2	EC number: 215-222-5	
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) R50/53	
Sulfur		< 0.1 %
CAS number: 7704-34-9	EC number: 231-722-6	
Classification Skin Irrit. 2 - H315	Classification (67/548/EEC or 1999/45/EC) R38	
PI stabilized		< 1 %
CAS number: 9003-31-0	EC number: 618-362-9	
Classification —	Classification (67/548/EEC or 1999/45/EC) —	
Lubricating oils, used		1 – 5 %
CAS number: 70514-12-4	EC number: 274-635-9	
Classification —	Classification (67/548/EEC or 1999/45/EC) —	
bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP		1 – 5 %
CAS number: 117-81-7	EC number: 204-211-0	
Classification Repr. 1B - H360FD	Classification (67/548/EEC or 1999/45/EC) R60, R61	

The Full Text for all R-Phrases and Hazard Statements are Displayed in section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

In case of inhalation

Remove person to fresh air and keep comfortable for breathing. Obtain immediate medical attention.

In case of skin contact

After contact with skin, rapidly cool molten material on skin with water and seek immediate medical attention. Do not attempt to remove molten material from skin because skin will tear easily. Cuts or abrasions should be treated promptly with thorough cleansing of the affected area.



In case of eye contact

If substance has got into eyes, immediately wash out with plenty of water Get immediate medical advice/attention.

In case of ingestion

Get immediate medical advice/attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

At elevated temperatures, product vapours may cause irritation to the mucous membranes of the nose, the throat, bronchi, and lungs. Vapours may cause dizziness, headaches, nausea, unconsciousness. May release poisonous hydrogen sulphide gas.

Contact with skin

At elevated temperatures, the hot product may cause severe skin burns. Prolonged or repeated contact with the skin may cause dermatitis.

Contact with skin

At elevated temperatures, severe irritation or burns to the mouth and throat.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water spray.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this may spread fire.

5.2 Special hazard arising from the substance or mixture

Specific hazards

The following decomposition products may be released: Nitrogen oxides, Sulphur oxides, Carbon oxides and other toxic fumes.



5.3 Advice for firefighters

- Water spray should be used to cool containers.
- Do not allow run-off water to enter sewers and water sources.
- Wear self-contained breathing apparatus and full protective clothing.
- May give off noxious and toxic fumes in a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area.
- Wear suitable respiratory protection.
- Wear protective clothing as per section 8.

6.2 Environmental precautions

- Avoid release to the environment.
- Contain spillage by any means possible.
- Do not allow to enter public sewers and watercourses.

6.3 Methods for containment and cleaning up

- Soak up with inert absorbent.
- Sweep or shovel-up spillage and remove to a safe place.
- Collect as much as possible in clean container for reuse or disposal.
- Place in appropriate container.
- Ventilate area.

6.4 Reference to other sections

For personal protection (see section 8). For waste disposal (see section 13).

SECTION 7: HANDLING AND STORAGE

7.1 Precaution for safe handling

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use personal protective equipment as required.
- Get medical advice/attention if you feel unwell.

7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Keep only in the original container at a temperature not exceeding 35 °C

7.3 Specific end use(s)

Field of application of the product is described in Technical Data Sheet (TDS).



SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

No information available but must be considered harmful.

8.2 Exposure controls

- Use personal protective equipment as required.
- Do not wear contact lenses when working with this material.
- In case of insufficient ventilation, wear suitable positive pressure respiratory protection equipment.
- Use personal protective equipment as required.
- Wear boots.
- Wear apron.
- Wear face mask giving complete face protection.
- Wear flameproof clothing.
- Wear suitable protective clothing, eye/face protection and gloves.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid at 25°C Liquid at temperature above 170°C
Colour	Black
Odour	Characteristic odour
pH (concentrate)	Non-applicable
Flash point (°C)	> 240°C
Relative Density (@20°C)	1.15 ± 0.1
Water Solubility	Insoluble

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

1.0 Reactivity

No hazardous reactions known if used for its intended purpose.

10.2 Chemical stability

Stable under recommended handling and storage conditions.



10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Avoid overheating

10.5 Incompatible materials

- Incompatible with acids and alkalis
- Incompatible with oxidizing substances

10.6 Hazardous decomposition products

Nitrogen oxides, Sulphur oxides, Carbon oxides and other toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Danger of serious damage to health by prolonged exposure
- In cases of severe exposure, breathing difficulty may develop
- In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- May disturb the eyes, skin and mucous membranes

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

May cause long term adverse effects in the aquatic environment.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

Insoluble in water.

12.5 Results of PBT and vPvB assessment

Non-applicable.

12.6 Other adverse effects

None known.



SECTION 13: DISPOSAL CONSIDERATION

- Do not empty into drains - dispose of this material and container in a safe way.
- Disposal should be in accordance with local, state or national legislation.
- Avoid release to the environment. Refer to special instructions/Safety data sheets.

SECTION 14: TRANSPORT INFORMATION

Air (ICAO/IATA)

Not classified as hazardous for transport

Road/Rail (ADR/RID)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- This Safety Data Sheet is provided in compliance with the EC Directive 82/501/EEC (the Seveso Directive)

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

SDS status Approved

SDS number DCP/08/01/104 **SDS issue date** 30.11.16

Issue no.: 01 **Rev. no.** 02 **Revision date**

Disclaimer

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