
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Sethard S100
- Product Part Number: C12/05/03/115

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Liquid surface hardener, dust proofer and curing aid for concrete surfaces

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Ayla for Building Materials Industry & Trade
- Address of Supplier: Al-Karadeh, Arsat Al-Hindia, Baghdad
- Telephone: +964 790 1488 730
- Email: info.iraq@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: +964 790 1488 730 (Available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Corr. 1B, Eye Dam. 1
- US NFPA ratings:
Health: 2
Flammability: 0
Instability: 0
- US HMIS ratings:
Health: 2
Flammability: 0
Instability: 0

2.2 Label elements

SECTION 2: Hazards identification (....)

- Signal Word: Danger
- Hazard statements
 - H314 - Causes severe skin burns and eye damage.
 - H318 - Causes serious eye damage.
- Precautionary statements
 - P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P310 - Immediately call a POISON CENTER or doctor/physician.
 - P501 - Dispose of contents/container to
 - P264 - Wash thoroughly after handling.
 - P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 - P363 - Wash contaminated clothing before reuse.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - P405 - Store locked up.
 - P273 - Avoid release to the environment.

2.3 Other hazards

- No information available

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

- Silicic acid, sodium salt

SECTION 3: Composition/information on ingredients (....)

CAS Number: 1344-09-8

EC Number: 215-687-4

Concentration: 15 - 30%

Categories: Skin Corr. 1B, Eye Dam. 1, STOT SE 3

Symbols: GHS05, GHS07

H Statements: H290, H314, H318, H335

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Wash contaminated clothing before reuse.
- Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Get medical advice/attention if you feel unwell.
- Contact with skin
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
Contaminated clothing should be laundered before reuse
Get immediate medical advice/attention.
- Contact with eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Irrigate eyes thoroughly whilst lifting eyelids
Get immediate medical advice/attention.
- Ingestion
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Never give anything by mouth to an unconscious person
Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- No information available

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Extinguish with foam, carbon dioxide, dry powder or water spray.
- Use extinguishing media suitable to the surrounding conditions. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

SECTION 5: Firefighting measures (....)

- Nitrogen and carbon oxides may be formed
- May give off noxious and toxic fumes in a fire
- In case of fire, do not breathe fumes

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 - Do not allow run-off water to enter sewers and water sources.
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Wear suitable protective clothing
- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Evacuate the area and keep personnel upwind
- Spillage causes slippery surface
- Wash thoroughly after dealing with spillage

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Absorb spillage in inert material and shovel up
- Collect spillage.
- Place in appropriate container
- Ventilate area
- Wear suitable protective clothing, eye/face protection and gloves

6.4 Reference to other sections

- See Section 8 & 13
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.
- Avoid contact with skin and eyes

SECTION 7: Handling and storage (....)

- Do not eat, drink or smoke when using this product.
- Do not empty into drains
- Keep away from food, drink and animal foodstuffs
- Store in original, correctly labelled and tightly closed containers
- Use good personal hygiene practices

7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Store in a cool, dry, well ventilated area.
- Store in original, correctly labelled and tightly closed containers
- Protect from frost
- Store between + 5° C and +35°C protect from frost and direct sunlight.
- Keep away from food, drink and animal feedingstuffs
- Keep away from aluminium

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls



- Wear protective gloves/protective clothing/eye protection/face protection.
- Wear suitable protective clothing and gloves
- Wear goggles giving complete eye protection
- Avoid contact with skin
- Do not eat, drink or smoke when using this product.
- Keep away from food, drink and animal feedingstuffs
- Provide adequate ventilation.
- Wash thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

SECTION 9: Physical and chemical properties (....)

- Appearance: Clear liquid
- Odour: Characteristic odour
- Boiling Point/Range: 100 °C
- pH: 11.8 - 12.2
- Specific Gravity: 1.20 ± 0.05
- Solubility in water: Miscible with water
- VOC g/l: < 10 g/l

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat
- Keep away from frost

10.5 Incompatible materials

- Avoid contact with aluminium, zinc, copper and tin
- Incompatible with alkali metals

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

- No information available
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SECTION 12: Ecological information**12.1 Toxicity**

- No information available

12.2 Persistence and degradability

- No information available
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SECTION 12: Ecological information (....)

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- Avoid release to the environment.
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Do not empty into drains - dispose of this material and container in a safe way
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SECTION 14: Transport information



UN No.: 3266

Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

Hazard Class: 8

Packing Group: II

14.1 Air (ICAO/IATA)

- ICAO UN No.: 3266
- Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: II

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 3266
- Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
- ADR Hazard Class: 8
- ADR Packing Group: II

14.3 Sea (IMDG)

SECTION 14: Transport information (....)

- IMDG UN No.: 3266
- Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
- IMDG Hazard Class: 8
- IMDG Pack Group.: II

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available
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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

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H335: May cause respiratory irritation.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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