

Conpro Start

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2015

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

1.1 Product identifier

Product Form

- Liquid

Product Name

- Conpro Start

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

Use of Substance

- Water based consolidant used to strengthen and stabilize concrete, masonry and stone.

1.3 Details of the supplier of the safety data sheet

- Conproco Corporation
17 Production Drive
Dover, NH 03820

Telephone: 800.258.3500

1.4 Emergency telephone numbers

- CHEMTREC 800.725.7383
- CHEMTREC International +1.703.527.3887 24 hr

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- There are no hazardous chemicals in this product as defined by the CFR 1910.1200.

2.2 Label elements

Hazard Pictograms



Signal Word

- Warning

Hazard Statement

- Harmful if swallowed.
- Causes skin irritation.
- Causes serious eye damage.
- Can cause allergic skin reaction.
- May cause cancer.
- May cause respiratory irritation.
- Causes damage to organs through prolonged exposure.

Precautionary Statements

- Keep in original container.
- Do not eat, drink, or smoke when using these products.
- Wash hands thoroughly after handling.
- Do not handle until all safety precautions have been read and understood.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use in a well ventilated area.
- Absorb spillage to prevent material damage.
- If exposed or concerned: Get medical advice/attention.
- If swallowed: Immediately call a poison center/doctor. Rinse mouth.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do so. Continue rinsing. Immediately call a poison center/doctor.
- If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs. Get medical advice/attention.
- If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
- Store locked up.
- Store in a well ventilated place.
- Keep container tightly closed.
- Dispose of contents and container in accordance with all local, regional, national, and international regulations.

2.3 Other hazards

Not Available.

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SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

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3.2 Hazardous ingredients

Substance Name	CAS No.	Concentration %	GHS – US Classification
Potassium Silicate Solution	1312-76-1	5-55	none

Exact percentages of concentration are withheld as a trade secret
In accordance with paragraph (I) of §1910.1200.

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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation

- If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Following skin contact

- Remove contaminated clothing and safely dispose of. After contact, wash with soap immediately.

Following eye contact

- In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Following ingestion

- If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms –

Injury after inhalation

- May cause respiratory tract irritation.

Symptoms –

Injury after skin contact

- Causes skin irritation.
- Do not allow product to have prolonged contact with skin.
- Handling can cause dry skin.
- May cause sensitization by skin contact.

Symptoms –

Injury after eye contact

- Causes serious eye damage.
- Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms –

Injury after ingestion

- Harmful if swallowed.
- May cause stomach distress, nausea or vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

- Symptoms may not appear immediately.
- In case of accident or if you feel unwell, seek medical advice immediately.

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SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

- Use dry chemical, carbon dioxide, foam or water to extinguish.
- Foam or water may create a slippery condition; spread sand or grit.

Unsuitable extinguishing media

- None.

5.2 Special hazards arising from the substance or mixture

Fire Hazard

- No specific fire or explosion hazard.

5.3 Advice for fire-fighters

Firefighting instructions

- None, unless mixed with flammable materials.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General procedure

- Use personal protection recommended in Section 8.
- Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Methods and materials for containment and cleaning up

For containment

- Contain spill, then place in a suitable container.
- Do not flush to sewer or allow to enter waterways.
- Use appropriate personal protection.

Methods for cleaning up

- Water contaminated with this product may be sent to a sanitary treatment facility in accordance with a local permit, to a treatment facility or discharged under a NPDES permit.
- Dispose of all waste in accordance with local, state, and federal regulations.

6.3 Reference to other sections

No additional information.

SECTION 7 HANDLING & STORAGE

7.1 Precautions for safe handling

- Avoid contact with skin and eyes.
- The use of compressed air for cleaning clothing, equipment, etc., is not recommended.
- Handle and open container with care.
- When using, do not eat, drink or smoke.

Hygiene measures

- Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
- Appropriate techniques should be used to remove potentially contaminated clothing.
- Wash contaminated clothing before reusing.
- Ensure that eyewash stations and safety showers are close to the workstation location.

7.2 Conditions for safe storage, including any incompatibility

Storage conditions

- Keep out of the reach of children.
- Store in tight, dry, labelled containers.
- Keep container tightly closed when not in use.
- Keep in well ventilated area.
- Do not store in an area equipped with emergency water sprinklers.
- Store at temperatures between 40°F and 120°F.

7.3 Specific end uses

No additional information.

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SECTION 8 EXPOSURE CONTROLS PERSONAL PROTECTION

8.1 Control parameters None available

8.2 Exposure controls

Appropriate engineering controls

- Use adequate ventilation.
- Avoid dust production.

Personal protection equipment

- Mask, gloves, safety glasses

Hand protection

- Cloth gloves

Eye protection

- Safety glasses

Skin and body protection

- Handle with good industrial hygiene and safety practice.
- Always wash hands after handling this product, and once again before leaving the workplace.
- Wear suitable protective clothing, and wash clothing before next use.

Respiratory protection

- Use NOISH-approved air-purifying or supplied air respirator.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Physical state.....liquid
- Appearance.....milk-like
- Color.....gray
- Odor.....mild
- Odor threshold.....n/a
- pH.....11.2
- Relative evaporation rate.....<1 (Ether = 1)
- Melting point.....n/a
- Freezing point.....n/a
- Boiling point.....n/a
- Flash point.....>200°F
- Auto-ignition temperature.....n/a
- Decomposition temperature.....n/a
- Flammability (solid/gas).....n/a
- Vapor pressure.....20 mm Hg @ 20°F
- Relative vapor density (20°C).....n/a
- Relative density.....n/a
- Specific gravity.....1.46
- Density.....n/a
- Solubility.....infinite
- Log Pow.....n/a
- Log Kow.....n/a
- Kinematic viscosity.....n/a
- Dynamic viscosity.....n/a
- Explosive properties.....n/a
- Oxidizing properties.....n/a
- Explosive limits.....n/a

9.2 Other information

No additional information.

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

- No dangerous reaction will occur under normal circumstances.

10.2 Chemical stability

- No data available.

10.3 Possibility of hazardous reactions

- None.

10.4 Conditions to avoid

- None.

10.5 Incompatible materials

- None.

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SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Skin corrosion – irritation

- Causes skin irritation.

Serious eye damage – irritation

- Causes serious eye damage.

Respiratory of skin sensitization

- May cause an allergic skin reaction.

Germ cell mutagenicity

- Classification criteria not met.

Carcinogenicity

- May cause cancer.

Reproductive toxicity

- Classification criteria not met.

Specific target organ toxicity (single exposure)

- May cause respiratory irritation.

Specific target organ toxicity (repeated exposure)

- Can cause damage to organs through prolonged or repeated exposure.

Symptoms

Symptoms – injuries after inhalation

May cause respiratory tract irritation

Symptoms – injuries after skin contact

Causes skin irritation. Do not allow product to have Prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.

Symptoms – injuries after eye contact

Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms – injuries after ingestion

Harmful if swallowed. May cause stomach distress, nausea or vomiting.

Other information

Likely routes of exposure: ingestion, inhalation, skin and eye.

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SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

Ecological – general

- No ecological consideration when used according to directions.
- Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.

12.2 Persistence and degradability

- N/a

12.3 Bioaccumulative potential

- N/a

12.4 Mobility in soil

- N/a

12.5 Other adverse effects

- N/a

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal recommendations

- The generation of waste should be avoided or minimized wherever possible.
- Empty containers or liners may retain some product residues.
- This material and its container must be disposed of in a safe way.
- Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
- Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
- Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 TRANSPORT INFORMATION

14.1 UN number

- Not available.

14.2 UN proper shipping name

- Not available.

14.3 Additional information

- None.

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SECTION 15 REGULATORY INFORMATION

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

Not available

15.2 US State Regulations

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State or local regulations

This product contains no hazardous chemicals that could not be treated by a water treatment facility.

Carcinogenic classification

IARC (I)

International Agency for Research on Cancer

- 1 – Carcinogenic to humans
- 2A – Probably carcinogenic to humans
- 2B – Possibly carcinogenic to humans
- 3 – Not classifiable
- 4 – Probably not carcinogenic to humans

NTP (N)

National Toxicology Program

- 1 – Evidence for carcinogenicity
- 2 – Known human carcinogen
- 3 – Reasonably anticipated to be Human Carcinogen
- 4 – Substances delisted from report on Carcinogens
- 5 – Twelfth Report – items under consideration

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SECTION 16 OTHER INFORMATION

16.1 Other information

- This document was created in accordance to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2015.

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