Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: Cement Accelerator C.N.
Product code: CEMENT AC-CN
Function: Accelerating admixture for concrete.
Supplier: Caprichem (Pty) Ltd P.O.Box 160, Blackheath, 7581

Company Telephone no: (021) 905-4712
Emergency Number: 082-898-9265
Contact person: Robert Jonas
Reg.No: 1998/016011/07

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Aqua</td>
<td>7732-18-5</td>
<td>N/A</td>
</tr>
<tr>
<td>1. Calcium nitrate</td>
<td>10124-37-5</td>
<td>N/A</td>
</tr>
</tbody>
</table>

This preparation does not contain any substances presenting a health hazard.

3. HAZARDS IDENTIFICATION

No physico/chemical, environmental or human health hazards have been reported or known.

4. FIRST-AID MEASURES

Eye contact: Symptoms: Causes eye irritation and burning.
            Prevention: Safety glasses could be worn.
            First-aid: In case of contact, immediately flush eyes with water for at least 15 minutes and get medical attention if irritation persists.

Skin contact: Symptoms: Prolonged contact may cause dry skin irritation.
               Prevention: Gloves should be worn when used continuously.
               First-aid: Wash with soap and water.

Inhalation: Symptoms: None known.
            Prevention: None known.
            First-aid: Seek medical attention.

Ingestion: Symptoms: Nausea and vomiting.
           Prevention: Store away from food stuffs.
           First-aid: Do not induce vomiting. Drink 2-3 glasses of water or milk. Seek medical attention immediately.

5. FIRE-FIGHTING MEASURES

This product is non flammable.
Extinguishing media: All standard fire fighting media.
Special fire fighting procedures: None known.
6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled: Wipe, scrape or soak up with inert absorbing material. Collect in containers for disposal. Clean up affected area with water.

7. HANDLING AND STORAGE

Handling: Handle and open the packaging with caution. Do not take internally. Ensure good ventilation at the workplace. Avoid contact with skin, eyes and clothing.


8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Eyewash stations
Respiratory protection: None known
Eye and face protection: Safety glasses
Skin and body: If major exposure is possible wear suitable protective clothing.
Hands: Rubber gloves recommended for prolonged or repeated skin contact.
Ventilation: Use in well ventilated areas.
Other protective equipment: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Colour: Amber colour
Odour: Odourless
Density: 1.25
Solubility in water: Fully Soluble
pH: 9.0
Flash Point: N/A

10. STABILITY AND REACTIVITY

Hazardous thermal decomposition / combustion products: None known.
Incompatibility (material to avoid): None known.
Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

Oral LD50: Can cause irritation.
Eyes: Chemical irritant
Skin: Chemical irritant
Inhalation: Irritation of the nose and throat.
Ingestion: May cause irritation.

12. ECOLOGICAL INFORMATION

No ecological problems are expected when the product is handled and used with due care.

13. DISPOSAL CONSIDERATION

Disposal Method Product: We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.
Disposal Method Packaging: Disposal in accordance with local legal provisions.
14. TRANSPORT INFORMATION

This product is not classified for transport under ADR / IMDG regulations.
Road transportation of Cement Accelerator C.N.: It is advised that containers are transported in an upright position. Ensure that enclosure is tight and not leaking prior to commencement of transportation. Do not load heavy and or sharp items on top of chemical containers. Ensure that chemical container are packed in such a way that they do not fall over whilst in transit.

15. REGULATORY INFORMATION

Users should ensure that they comply with any relevant local, regional or national legislation. Contact your national regulations officer.

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of issue and covers applications when used as directed. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the relevant legislation are complied with.