

Material Safety Data Sheet

Golden Coast



Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

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Revision Number 4

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1 IDENTIFICATION OF CHEMICAL

PRODUCT NAME: HIGHER CAL (POOL & SPA)

PRODUCT CODE: 20 35 576 050 (Pool)
20 35 576 010 (Spa)

Chemical name: Calcium Chloride

2. COMPOSITION

| SUBSTANCE | Wt % | EC No. | CAS NO. | R phrases | Symbol | WEL |
|------------------|------|-----------|------------|-----------|--------|-----|
| Calcium chloride | 100 | 233-140-8 | 10043-52-4 | 36 | Xi | WEL |

3. HAZARD IDENTIFICATION

Irritant: Causes eye, skin and respiratory irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed.

4. FIRST AID MEASURES

Skin Contact: Wash with cold water for a minimum of 15 minutes. If skin irritation persists, seek medical attention.

Eye Contact: Flush eyes with cold flowing water for at least 20 minutes. Seek medical attention immediately.

Ingestion: Drink large quantities of water. **DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Seek medical attention

Inhalation: Remove person to fresh air and seek medical attention. If breathing difficulties, allow a trained person to administer oxygen.

Note: When seeking medical attention, always show the product label.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water fog

Special exposure hazards in fire: Emits toxic fumes under fire conditions.

Required special protective equipment for fire fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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As a quality assured company we reserve the right to alter and improve the specification of products as deemed necessary.
Registered in England and Wales 2420044 VAT Reg. No 540 4110 02



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6. ACCIDENTAL RELEASE MEASURES

Use appropriate personal protective equipment as detailed in section 8.

Spillages and Leaks:

Contain the spillage as soon as possible. (Product absorbs water). Sweep up the spill and place in clean, dry plastic containers including any contaminated soil. Dispose of product in accordance with relevant local and national waste disposal legislation.

7. HANDLING AND STORAGE

Handling: Mix only with water. Always add small quantities of product to water. **DO NOT** add water to product. Ensure all dispensing devices are clean and free from other chemicals.

Storage: Keep this product in original, sealed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product and all other chemicals out of reach of children.

Avoid Contact With: **DO NOT MIX WITH OTHER PRODUCTS OR CHEMICALS.**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

Workplace Exposure control limits and source:

| Exposure Limits: | 8 hr TWA | | Authority |
|------------------|----------|-------------------|-----------|
| | ppm | mg/m ³ | |
| Inhalable dust | - | 10 | EH40 |
| Respirable dust | - | 4 | |

General: General room ventilation plus local exhaust should be used to maintain dust exposure below TLV. Remove and wash contaminated clothing before reuse.

Respiratory protection

Use respiratory protection for general dust inhalation protection.

Hand protection (type of gloves, etc)

Wear chemical resistant gloves when handling this product.

Skin protection

Avoid contact with skin.

Eye protection

Wear goggles or safety glasses with side shields when handling this product

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|-------------------------|
| Physical State: | Solid |
| Odour: | None |
| pH: | (30% Soln) Approx 9.0 |
| Appearance: | White to off-white. |
| Solubility in Water: | 52g/100g water |
| Specific Gravity: | 0.85 gm/cm ³ |

10. STABILITY AND REACTIVITY

| | |
|--------------------------------|---|
| Conditions to avoid: | High temperature. Poor ventilation. Contamination. Moisture/high humidity. |
| Stability: | This product is stable under normal conditions. |
| Polymerisation: | Hazardous polymerisation will not occur under normal conditions. |
| Incompatible materials: | Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds. |

11 TOXICOLOGICAL INFORMATION

| | |
|-------------------------|---|
| LD50 (Oral RAT): | 1300mg/kg |
| Eyes: | Sever irritation and redness. |
| Skin: | Irritation and redness. Prolonged contact may cause dermatitis. |
| Ingestion: | Slight irritation of mouth and throat. Systemic effects |
| Inhalation: | Irritation. Chronic effect – ulceration of nasal mucosa. |

This product is not listed as a carcinogen

12 ECOLOGICAL INFORMATION

This product may be toxic to fish and aquatic organisms.

Keep product from entering waterways and watersheds.

13 DISPOSAL CONSIDERATIONS

Disposal Method: **DO NOT** put product, spilled product or filled or partially filled containers into the waste. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated product is regulated according to municipal, provincial and federal regulations.

Empty Containers: **DO NOT** re-use container. Rinse thoroughly before discarding.

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14 TRANSPORT INFORMATION

UN No: Not regulated
Primary Hazard: Not regulated
Packing Group: Not regulated
Hazard ID No: Not regulated
Class: Not regulated
EAC: Not regulated

15 REGULATORY INFORMATION

Product name: Higher Cal
Symbol: Xi
Indication(s) of danger: Irritant

Risk phrases: R36 Irritating to eyes

Safety phrases: S1/2 Keep locked up and out of the reach of children.
S22 Do not breathe dust.
S24 Avoid contact with skin.

EC No.: 233-140-8

Applicable EU provisions and associated UK legislation: The Chemical (Hazards Information & Packaging) Regulations 2002.

16 OTHER INFORMATION

Recommended uses and restrictions: No further information

Further information sources:

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list, EH40, ACIGH tables.

Reviewed 31/05/07 – Amended

The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.

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