



SAFETY DATA SHEET

ACCEPTA 9032 CALCIUM HYPOCHLORITE

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Issued: 17/11/10

Revision No: 4

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

Product name: ACCEPTA 9032**CAS number:** 7778-54-3**EINECS number:** 231-908-7**Index number:** 017-012-00-7**Product code:** 9032**Synonyms:** CALCIUM HYPOCHLORITE

Use of substance / mixture: Granular unstabilised chlorine sanitiser for use in swimming pools and spa baths.
Providing 65% available chlorine.

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2. HAZARDS IDENTIFICATION

Classification under CHIP: Contact with combustible material may cause fire. Causes burns. Very toxic to aquatic organisms. Harmful if swallowed. Contact with acids liberates toxic gas.

Classification under CLP: Acute Tox. 4. Harmful if swallowed. Aquatic Acute 1. Very toxic to aquatic life. Skin Corr. 1B. Causes severe skin burns and eye damage.

Workplace exposure limit: This product does not have a workplace exposure limit.

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/EC: This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: CALCIUM HYPOCHLORITE 50-70%

EINECS: 231-908-7 CAS: 7778-54-3

[O] R8; [C] R34; [Xn] R22; [-] R31; [N] R50

CLP Class: Ox. Sol. 2: H272; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. If there is any irritation obtain medical attention.

[cont...]

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Rinse mouth with water. Do not induce vomiting. If conscious, drink plenty of water and seek medical advice immediately.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Use water spray to cool containers. Dry chemical powders containing ammonium compounds should NOT be used.

Exposure hazards: Reacts with water to form chlorine gas

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not create dust. Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Alert the neighbourhood to the presence of fumes or gas.

Clean-up procedures: Do not allow to enter surface water courses. The creation and inhalation of dust must be avoided. Do not use equipment in clean-up procedure which may produce sparks. Sweep up spilt material into suitable containers for waste recovery or waste disposal. Do not use sawdust or any materials which may be oxidised.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Avoid the formation or spread of dust in the air. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Avoid incompatible materials and conditions - see section 10 of SDS. Keep away from flammable and combustible materials. Store in cool, dry, well ventilated area. Keep container tightly closed.

Suitable packaging: Containers must be clean and free from organic residues.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient local exhaust ventilation.

Respiratory protection: Dust mask recommended.

Hand protection: Protective gloves.

Eye protection: Safety goggles or face-shield. Ensure eye bath is to hand.

Skin protection: Wear appropriate clothing to prevent repeated or prolonged skin contact. Ensure safety shower is to hand.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Granules
Colour: White
Odour: Strong chlorine
Oxidising: Oxidising (by EC criteria)
Solubility in water: Approximately 18% @ 25°C
Also soluble in: Decomposes in water.
Melting point/range°C: ~100
pH: 8.74 (0.1% solution)

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Heat. Flames. Moist air.
Materials to avoid: Chlorinated isocyanurates. Acids. Combustible materials. Ammonia compounds.
Strong oxidising agents. Strong reducing agents. Water. Amines.
Haz. decomp. products: Decomposes at 177°C. In combustion emits toxic gases/vapours/fumes of chlorine.
Contact of solutions with acids will release Chlorine gas.

11. TOXICOLOGICAL INFORMATION

Acute effects: Causes burns. Harmful if swallowed.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: There will be irritation and redness at the site of contact.
Eye contact: There will be severe pain, redness and irritation.
Ingestion: There will be nausea and vomiting, occasionally with abdominal pain.
Inhalation: Mild poisoning causes a cough, irritation of the throat and shortness of breath.
Congestion of the lungs may occur causing severe shortness of breath.

12. ECOLOGICAL INFORMATION

Mobility: Slightly soluble in water. Decomposes in water.
Persistence and degradability: No data available.
Bioaccumulative potential: Not known
Other adverse effects: Very toxic to aquatic organisms.
PBT identification: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Do not discharge concentrated material into sewer.
Disposal of packaging: All residues must be removed from packaging prior to disposal as controlled waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN number: 2880	ADR Class: 5.1
Packing group: II	Classification code: O2
Shipping name: CALCIUM HYPOCHLORITE, HYDRATED	
Labelling: 5.1+EHS	Hazard ID no: 50



IMDG / IMO

UN no: 2880	Class: 5.1
Packing group: II	EmS: F-H,S-Q
Marine pollutant: NO	Labelling: 5.1+EHS

IATA / ICAO

UN no: 2880	Class: 5.1
Packing group: II	Packing instructions: 508(P&CA); 511(CAO)
Labelling: 5.1+EHS	

15. REGULATORY INFORMATION (CHIP)

Hazard symbols: Corrosive.
Dangerous for the environment.
Oxidising.



Risk phrases: R8: Contact with combustible material may cause fire.
R34: Causes burns.
R50: Very toxic to aquatic organisms.
R22: Harmful if swallowed.
R31: Contact with acids liberates toxic gas.

Safety phrases: S1/2: Keep locked up and out of the reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28: After contact with skin, wash immediately with plenty of water.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show

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the label where possible).

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Precautionary phrases: Warning! Do not use with other products. May release dangerous gases (chlorine).

Haz. ingredients (label): CALCIUM HYPOCHLORITE

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

15. REGULATORY INFORMATION (CLP)

Hazard statements: H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H400: Very toxic to aquatic life.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark
GHS09: Environmental



Precautionary statements: P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P330: Rinse mouth.
P391: Collect spillage.
P405: Store locked up.
P501: Dispose of to.

16. OTHER INFORMATION

Other information: Refer to the Manual Handling Operations Regulations 1992.
Store in accordance with HSE Guidance Note CS17.
Classed as special waste by the Hazardous Waste Regulations 2005.
Read in conjunction with the Technical Data sheet concerning use of the product.

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Supplied packages include 0.5, 0.8, 1, 1.3, 5, 10, 12.5, 15, 25, 50 litre polyethylene/polypropylene jars, buckets and kegs. Also 25 kilo polypropylene sacks, 45 and 50 kilo fibreboard kegs.

NOTE: alterations and additions have been made in most Sections of revision 3.

Risk phrases used in s.3: R8: Contact with combustible material may cause fire.

R34: Causes burns.

R22: Harmful if swallowed.

R31: Contact with acids liberates toxic gas.

R50: Very toxic to aquatic organisms.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.