

MATERIAL SAFETY DATA SHEET	Page : 1
	Revision nr : 2
CHRYSO®Aquabeton	Date : 26/8/2004
	Supersedes : 30/4/2003
	B0105 <small>www.lisam.com</small>

ref ISO : 123456



Irritant

Producer

CHRYSO SAS
7 rue de l'Europe - ZI
F-45300 SERMAISES DU LOIRET FRANCE
Tél. 00 33 2 38 34 58 00
Antipoison Center - tel : ORFILA : 01.45.42.59.59

1. Identification of the product and the company

Identification of the product : Powder.
Company identification : See producer.
Trade name : CHRYSO®Aquabeton.
Type of product : Concrete and mortar admixture.
Use : Industrial.

2. Information on ingredients

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr / EINECS nr / EC index	Symbol(s)	R-Phrase(s)
<u>Calcium formate</u>	: > 10 %	000544-17-2 / 208-863-7 / -----	Xi	41

3. Hazards identification

Risk Phrases : Irritating to eyes.
Symptoms relating to use
- Inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
- Skin contact : Repeated or prolonged skin contact may cause irritation.
- Eye contact : Risk of serious damage to eyes.
- Ingestion : Must not come into contact with food or be consumed. Swallowing a small quantity of this material presents some health hazard. Abdominal pain, nausea.

4. First aid measures

First aid
- Inhalation : Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.
- Skin contact : Wash skin thoroughly with mild soap and water. Obtain medical attention if irritation persists.
- Eye contact : Rinse immediately with plenty of water.
Obtain emergency medical attention if pain, blinking, tears or redness persist.
- Ingestion : DO NOT INDUCE VOMITING. Rinse mouth. Seek medical attention if ill effect develops.

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5. Fire - fighting measures

- Extinguishing media : Carbon dioxide. Foam.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Exercise caution when fighting any chemical fire.

6. Accidental release measures

- Personal precautions : Equip cleanup crew with proper protection.
- Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
- After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it.

7. Handling and storage

- Storage : Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep container closed when not in use.
- Handling : Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure controls / personal protection

Personal protection



- Respiratory protection : Where excessive dust may result, wear approved mask.
- Hand protection : Gloves.
- Skin protection : If skin contact or contamination of clothing is likely, protective clothing should be worn.
- Eye protection : Safety glasses.
- Ingestion : When using, do not eat, drink or smoke.

9. Physical and chemical properties

- Physical state : Powder.
- Colour : White.
- Odour : Characteristic.
- pH value : solution à 1% : 8
- Solubility in water : Good.

10. Stability and reactivity

- Hazardous reactions : None under normal conditions.
- Hazardous properties : None under normal conditions.

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11. Toxicological information

Rat oral LD50 [mg/kg] : Calcium formate : 2560 mg/kg.

12. Ecological information

LC50-96 Hour - fish [mg/l] : Calcium formate : > 1000 mg/L.

13. Disposal considerations

Disposal : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

General information : Not classified.

15. Regulatory information

Symbol(s) : Irritant.
R Phrase(s) : R41 - Risk of serious damage to eyes.
S Phrase(s) : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 - This material and its container must be disposed of in a safe way.
S39 - Wear eye/face protection.

16. Other information

Recommended uses and restrictions : See technical data sheet for detailed information.
Print date : 20/10/2004

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC.

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