

**CIMRETARD LS****AX-085**

Xi : Irritant

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

**Identification of the product** : Liquid.  
**Trade name** : CIMRETARD LS  
**Use** : Industrial.  
**Company identification** : AXIM  
Usine Ciments Calcia  
78931 Guerville Cedex FRANCE  
Tél. +33 1 30 98 36 36  
Tél. +33 1 30 98 36 32 Madame Lesêtre

**Name and function of the responsible person** : Fleur Lesêtre - Responsable de laboratoire  
email : FLesetre@axim.fr

**Emergency phone nr** : Paris : +33 1 40 05 48 48

**2 HAZARDS IDENTIFICATION**

**Risk Phrases** : Irritating to eyes.

**Symptoms relating to use**

- Inhalation : None under normal conditions.
- Skin contact : Repeated or prolonged skin contact may cause irritation.
- Eye contact : Redness, pain. Blurred vision.
- Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Must not come into contact with food or be consumed.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

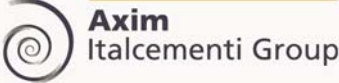
**Components** : This product is hazardous.

| Substance name | Contents              | CAS No  | EC No     | Annex No | Classification |
|----------------|-----------------------|---------|-----------|----------|----------------|
| Citric acid    | : Between 35 and 50 % | 77-92-9 | 201-069-1 | ----     | Xi; R36        |

**4 FIRST AID MEASURES**

**First aid measures**

- Inhalation : Assure fresh air breathing. Rest.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain or redness persist.
- Ingestion : Rinse mouth. Do not induce vomiting. Seek medical advice (show the label where possible).

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## 5 FIRE-FIGHTING MEASURES

- Flammable class** : Not flammable.  
**Hazardous combustion products** : High temperature may liberate dangerous gases.  
**Surrounding fires** : Use water spray or fog for cooling exposed containers.  
**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.  
**Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it. Dilute residue with water. Recover the cleaning water for later disposal. Use handling and disposal procedures appropriate for the absorbent material used. Use suitable disposal containers.

## 7 HANDLING AND STORAGE


- General** : Avoid all unnecessary exposure.  
**Precautions in handling and storage** : Handle in accordance with good industrial hygiene and safety procedures.  
**Technical protective measures** : Store the containers on a retention tank.  
**Storage** : Store in dry, cool, well-ventilated area. Keep container closed when not in use. Avoid : Extremely high or low temperatures.  
**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** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.  
 - **Skin protection** : Gloves.  
 - **Eye protection** : Chemical goggles or safety glasses.  
 - **Ingestion** : When using, do not eat, drink or smoke.  
**Industrial hygiene** : Provide local exhaust or general room ventilation to minimize vapour concentrations.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C** : Liquid.  
**Colour** : Colourless.  
**Odour** : Odourless.  
**pH value** : 0.5 - 1.5  
**Density** : 1.17 - 1.23

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### 9 PHYSICAL AND CHEMICAL PROPERTIES (continued)

Chloride [%] : < 0.1  
 Dry extract [%] : 43 to 47

### 10 STABILITY AND REACTIVITY

Stability and reactivity : Stable under normal conditions.  
 Hazardous decomposition products : High temperature may liberate dangerous gases.  
 Hazardous reactions : None under normal conditions.  
 Hazardous properties : None under normal conditions.

### 11 TOXICOLOGICAL INFORMATION

Toxicity information  
 - Ocular : Irritating to eyes.  
 Rat oral LD50 [mg/kg] : No data available.

### 12 ECOLOGICAL INFORMATION

Environmental precautions : No data available.  
 Biodegradation [%] : Product is biodegradable.  
 LC50-96 Hour - fish [mg/l] : No data available.

### 13 DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

### 14 TRANSPORT INFORMATION

General information : Not classified.

### 15 REGULATORY INFORMATION


Symbol(s) : Xi : Irritant  
 R Phrase(s) : R36 : Irritating to eyes.  
 S Phrase(s) : S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### 16 OTHER INFORMATION

Further information : None.

The contents and format of this SDS are in accordance with Regulation (EC) N° 1907/2006 of the European Parliament and of the Council.

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product. If the product is used as a component in another product, this MSDS information may not be applicable.

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