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

Identification of the product : Liquid.
Trade name : CLOTER B
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

Symptoms relating to use
 - Inhalation : No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of inhalation exposure.
 - Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
 - Eye contact : Direct contact with the eyes is likely slightly irritating.
 - 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 not hazardous.


Substance name	Contents	CAS No	EC No	Annex No	Classification
1,2-Propanediol	Circa 100	57-55-6	200-338-0	----	

4 FIRST AID MEASURES

First aid measures
 - Inhalation : Assure fresh air breathing.
 - 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.
 - Ingestion : Rinse mouth. Do not induce vomiting. Seek medical advice (show the label where possible).

5 FIRE-FIGHTING MEASURES

Flammable class : Not flammable.
Hazardous combustion products : Under fire conditions, hazardous fumes will be present.
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.

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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

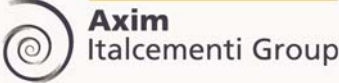
- General** : Avoid all unnecessary exposure.
- Precautions in handling and storage** : Handle in accordance with good industrial hygiene and safety procedures.
- Technical protective measures** : Store the containers on a retention tank.
- Storage** : Store in dry, cool, well-ventilated area. Keep container 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** : Eye protection should only be necessary where liquid could be splashed or sprayed.
 - **Ingestion** : When using, do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C** : Liquid.
- Colour** : Colourless.
- Odour** : Odourless.
- pH value in distilled water** : 6.5 to 7.5 (500 g/l - 20°C)
- Freezing point [°C]** : < 10
- Boiling point [°C]** : 188
- Density [kg/m³]** : 1036 to 1037
- Vapour pressure [hPa]** : < 0.1 (20°C)
- Viscosity** : 62 mPa.s (20°C)
- Solubility in water** : Miscible.
- Flash point [°C]** : > 113
- Auto-ignition temperature [°C]** : 420
- Explosion limits - lower [%]** : 2.6
- Explosion limits - upper [%]** : 12.6
- Log P octanol / water at 20°C** : - 1.06

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9 PHYSICAL AND CHEMICAL PROPERTIES (continued)

Period of conservation : 2 years.

10 STABILITY AND REACTIVITY

Stability and reactivity : Stable under normal conditions.
Hazardous decomposition products : None under normal conditions.
Hazardous reactions : Reacts violently with : Strong oxidizing agents.
Hazardous properties : None under normal conditions.

11 TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : > 20000
Rabbit dermal LD50 [mg/kg] : > 20800

12 ECOLOGICAL INFORMATION

LC50-96 Hour - fish [mg/l] : > 50000
48 Hour-EC50 - Daphnia magna [mg/l] : 43500
ECo Pseudomonas putida : > 20000 mg/l.

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) : None.
R Phrase(s) : None.
S Phrase(s) : None.

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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