Irritant

Producer
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F-45300 SERMAISES DU LOIRET FRANCE
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Antipoison Center - tel : ORFILA : 01.45.42.59.59

1. Identification of the product and the company

Identification of the product	: Liquid.
Company identification	: See producer.
Trade name	: CHRYSO®Xel 650.
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)
Sodium rhodanide	:	< 5 %	000540-72-7 / 208-754-4 / -----	Xn	20/21/22-32
Diéthanolamine en solution aqueuse à 20%	:	< 5 %	000111-42-2 / ----- / -----	Xn	22-48/22-38-41
Formaldehyde	:	< 1 %	000050-00-0 / 200-001-8 / 605-001-00-5	T	23/24/25-34-40-43
Methanol	:	< 1 %	000067-56-1 / 200-659-6 / 603-001-00-X	F T	11-23/24/25-39/23/24/25
Sodium hydroxide	:	< 5 %	001310-73-2 / 215-185-5 / 011-002-00-6	C	35

3. Hazards identification

Risk Phrases	: Irritating to eyes and skin. May cause sensitization by skin contact.
Symptoms relating to use	
- Inhalation	: Overexposure to vapours may result in : Headache. Cough.
- Skin contact	: May cause skin to become dry or cracked.
- Eye contact	: Blurred vision.
- 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. Seek medical attention if irritation develops.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- Ingestion : Rinse mouth. DO NOT INDUCE VOMITING. Seek medical advice (show the label where possible).

5. Fire - fighting measures

Extinguishing media : Foam. Carbon dioxide.

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. Use suitable disposal containers.

7. Handling and storage

Storage : Store in dry, well-ventilated area. 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 exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.
- Hand protection : Gloves.
- Skin protection : Wear suitable protective clothing.
- 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.

Occupational Exposure Limits : Diethanolamine VME = 3 ppm = 15 mg/m3.
Formaldehyde VME = 0.5 ppm VLE = 1 ppm.
Methanol VME = 200 ppm = 3600 mg.m-3 VLE = 1000 ppm = 1300 mg.m-3.
Sodium hydroxide VME = 2 mg/m3.

9. Physical and chemical properties

Physical state	: Liquid.
Colour	: Yellow to amber.
Odour	: Characteristic.
pH value	: 6
Density	: > 1
Solubility in water	: Complete.

10. Stability and reactivity

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

11. Toxicological information

Rat oral LD50 [mg/kg]	: Formaldehyde : > 800 mg/kg. Sodium hydroxide : 2000 mg/kg. Sodium rhodanide : 1500 mg/kg.
Rabbit dermal LD50 [mg/kg]	: Formaldehyde : 270 mg/kg.

12. Ecological information

LC50-96 Hour - fish [mg/l]	: Formaldehyde : 25 - 100 mg/L. Sodium hydroxide : 189 mg/L. Sodium rhodanide : > 100 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. Avoid release to the environment.

14. Transport information

General information	: Not classified.

15. Regulatory information

Symbol(s)	: Irritant.
R Phrase(s)	: R36/38 - Irritating to eyes and skin. R43 - May cause sensitization by skin contact.
S Phrase(s)	: S24 - Avoid contact with skin. 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. S37 - Wear suitable gloves.
Warning	: Table of the occupational diseases : : n°43, 49 et 49 bis.
Safety advises	: Special medical observation : concerned by the decree of 1977.07.11 : amino derived compounds of hydrocarbon and its derived compounds.

16. Other information

Recommended uses and restrictions : See technical data sheet for detailed information.

Print date : 3/8/2004

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

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