

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date: 09.02.2009

Revision: 07.01.2009

## 1 Identification of substance

- **Product details**

- **Trade name** CATALYSEUR THYXO RAPIDE

- **Article number:** 139106

- **Application of the substance / the preparation**

Catalyst

Thickening agent

- **Manufacturer/Supplier:**

ACRYSTAL Sàrl

29A rue du Maréchal Leclerc

F-67460 SOUFFELWEYERSHEIM

FRANCE

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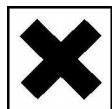
e-mail : info@acrystal.fr

- **Informing department:** Acrystal Sàrl - E-mail : info@acrystal.fr

- **Emergency information:** ACRYSTAL Sàrl, Tel : +33 (0)3.88.45.10.62

## 2 Hazards identification

- **Hazard designation:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 41 Risk of serious damage to eyes.

- **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Polyurethane dispersion

- **Dangerous components:**

CAS: 10043-01-3 aluminium sulphate

5-10%

EINECS: 233-135-0 Xi; R 41

- **Additional information** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- **After skin contact** Instantly wash with water and soap and rinse thoroughly.

- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

- **After swallowing** Instantly call for doctor.

## 5 Fire fighting measures

- **Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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- **Protective equipment:** Do not inhale explosion gases or combustion gases.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or water bodies.  
Dilute with much water.
- **Measures for cleaning/collecting:**  
Ensure adequate ventilation.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to in handling the chemicals.  
Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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- **Eye protection:** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

#### · General Information

**Form:** liquid  
**Colour:** whitish  
**Odour:** characteristic

#### · Change in condition

**Melting point/Melting range:** not determined  
**Boiling point/Boiling range:** 100°C

- **Flash point:** not applicable
- **Self-inflammability:** Product is not self-inflammable.
- **Danger of explosion:** Product is not explosive.
- **Vapour pressure at 20°C:** 23 hPa
- **Density at 20°C:** 1.000 +/- 0.010 g/cm<sup>3</sup>
- **Solubility in / Miscibility with Water:** fully miscible
- **Solvent content:**
  - Organic solvents:** 0.0 %
  - Water:** 93 - 94 %
- **Total solids:** 6 - 7 %

### 10 Stability and reactivity

- **Conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** With appropriate storage conditions and handling: none.
- **Dangerous products of composition:**  
In case of fire:  
carbon monoxide and carbon dioxide

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant for skin and mucous membranes.
- **on the eye:**  
Strong irritant with the danger of severe eye injury.  
Irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Irritant

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**12 Ecological information:**

- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **VOC**
- **VOC (EU) g/l**
- **VOC (EU) % 0.00 %**

**13 Disposal considerations**

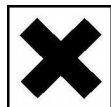
- **Product:**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

**14 Transport information**

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Classification according to EC-regulations:**  
The product has been classified and labelled in accordance with EC Directives.
- **Code letter and hazard designation of product:**



Xi Irritant

- **Risk phrases:**  
41 Risk of serious damage to eyes.
- **Safety phrases:**  
23 Do not breathe aerosol.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
39 Wear eye/face protection.  
60 This material and its container must be disposed of as hazardous waste.

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- **National regulations**
  - **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
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**16 Other information:**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Relevant R-phrases**  
41 Risk of serious damage to eyes.
  - **Department issuing data specification sheet:** Acrystal Sàrl, E-mail: [info@acrystal.fr](mailto:info@acrystal.fr)
  - **Contact:** ACRYSTAL Sàrl, Tel: +33 (0)3 88 45 10 62, E-mail: [info@acrystal.fr](mailto:info@acrystal.fr)
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