

# SAFETY DATA SHEET

**CHRYSO®Dem Bio 1**

Page : 1

Revised edition no : 3

Date : 29/9/2006

Supersedes : 9/3/2004

**D0026**

www.lisam.com

## Producer

CHRYSO SAS

7 rue de l'Europe

45300 SERMAISES DU LOIRET France

Tél. 00 33 2 38 34 58 00

In case of emergency : ORFILA : 01.45.42.59.59

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

Identification of the product : Liquid.  
Company identification : See producer.  
Trade name : CHRYSO®Dem Bio 1.  
Type of product : Demoulding oil.  
Use : Industrial.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature : Oil based on vegetable oil.

\* This product is not considered to be hazardous but contains hazardous components.

Substance name	Contents	CAS No / EC No / Index No	Symbol(s)	R-Phrase(s)
Heavy naphtha hydrotraity	: > 10 %	64742-48-9 / 265-150-3 / 649-327-00-6	Xn	65-66

## 3. Hazards identification

Symptoms relating to use

- \* - Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- \* - Skin contact : Repeated or prolonged skin contact may cause irritation. May cause skin to become dry or cracked.
- \* - Eye contact : Direct contact with the eyes is likely irritating.
- \* - Ingestion : Must not come into contact with food or be consumed. Swallowing a small quantity of this material presents some health hazard.

## 4. First aid measures

First aid measures

- Inhalation : Assure fresh air breathing. If you feel unwell, seek medical advice.
- \* - 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 attention if ill effect develops.

## 5. Fire - fighting measures

- \* - Suitable extinguishing media : Foam. Powder.
- \* - Unsuitable extinguishing media : Water.
- Protection against fire : Wear proper protective equipment.  
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 liquid enters sewers or public waters.               |
| Clean up methods          | : 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 | : Eliminate quickly from the eyes, to clean the 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          | : Wear suitable gloves resistant to chemical penetration of standard material nitrile.                            |
| * - Skin protection          | : Wear long sleeves, clothes that covers well.  |
| * - Eye protection           | : Safety glasses.   |
| - Ingestion                  | : When using, do not eat, drink or smoke.   |
| * Industrial hygiene         | : Provide local exhaust or general room ventilation to minimize vapour concentrations.                            |
| Occupational Exposure Limits | : Heavy naphtha (oil) hydrotraity VME (temporary value) = 1200 mg/m <sup>3</sup> = 231 mL/m <sup>3</sup> .        |

## 9. Physical and chemical properties

- |                         |                    |
|-------------------------|--------------------|
| Physical state at 20 °C | : Liquid.          |
| Colour                  | : Yellow to amber. |
| Odour                   | : Characteristic.  |
| pH value                | : Not applicable.  |
| Density                 | : < 1              |
| Viscosity               | : > 7 cst (40°C)   |
| * Solubility in water   | : Not miscible.    |
| * Flash point [°C]      | : 69°C             |

## 10. Stability and reactivity

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

## 11. Toxicological information

- |                            |   |
|----------------------------|---|
| Rat oral LD50 [mg/kg]      | : Heavy naphtha (oil) hydrotraity : > 2000 mg/kg. |
| Rabbit dermal LD50 [mg/kg] | : Heavy naphtha (oil) hydrotraity : > 2000 mg/kg. |

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## 12. Ecological information

- \* LC50-96 Hour - fish [mg/l] : Heavy naphtha (oil) hydrotraity : > 100 mg/L.

## 13. Disposal considerations

- \* General : Avoid release to the environment. Comply with local regulations for disposal. Dispose of this material and its container at hazardous or special waste collection point.

## 14. Transport information

- General information : Not classified.  
\* - IMDG-Marine pollution : No.

## 15. Regulatory information

- \* - Symbol(s) : None  
R Phrase(s) : R66 : Repeated exposure may cause skin dryness or cracking.  
S Phrase(s) : S23 : Do not breathe spray.  
S51 : Use only in well-ventilated areas.  
Warning : Table of the occupational diseases : n°36.

## 16. Other information

- \* Text of R-Phrases in § 2 : R65 : Harmful : may cause lung damage if swallowed.  
R66 : Repeated exposure may cause skin dryness or cracking.  
Recommended uses and restrictions : See technical data sheet for detailed information.  
Further information : The modifications compared to the preceding version are announced by the sign \* in front of the headings concerned.  
Print date : 17 / 1 / 2007

The contents and format of this SDS are in accordance with EEC Commission Directive 2004/73EC

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