

**CHRYSO®Decolav N25**

**D0410**

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N : Dangerous for the environment



F : Highly flammable



Xn : Harmful

**Producer**

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

Identification of the product : Liquid.  
Company identification : See producer.  
Trade name : CHRYSO®Decolav N25.  
Type of product : Concrete and mortar admixture.  
Use : Industrial.

**2. Hazards identification**

- \* Mixture classification : Irritating to skin.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Flammable
- Dangerous product : In use, may form flammable vapour-air mixture.
- \* Adverse human health effects : May cause lung damage if swallowed.
- Symptoms relating to use
  - Inhalation : Vapours may cause drowsiness and dizziness.
  - Skin contact : Redness, pain.
  - 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 will result in serious health hazard. Abdominal pain, nausea.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical nature : Composition based on hydrocarbon.

- \* This product is classified and contains hazardous components.

Substance name	Contents	CAS No / EC No / Index No	Symbol(s)	R-Phrase(s)
<u>Hydrocarbon-solvents (Aliphatic)</u>	: > 25 %	64742-49-0 / 265-151-9 / ----- / -----	F Xn N	11-38-51/53-65-67
<u>Citric acid monohydrate</u>	: < 20 %	5949-29-1 / 201-069-1 / ----- / -----	Xi	36/38

**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 or redness persist.
  - Ingestion : Rinse mouth. DO NOT INDUCE VOMITING. Call a physician immediately.

### 5. Fire - fighting measures

Flammable class	: This product is flammable.
Prevention	: No naked lights. No smoking.
- Suitable extinguishing media	: Carbon dioxide. Foam.
- Unsuitable extinguishing media	: Water.
Surrounding fires	: Use water spray or fog for cooling exposed containers.
Specific hazards	: May form flammable vapour-air mixture.
Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

### 6. Accidental release measures

Technical measures	: Eliminate every possible source of ignition.
Personal precautions	: No smoking. Equip cleanup crew with proper protection.
Environmental precautions	: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Toxic to aquatic organisms.
Clean up methods	: Clean up any spills as soon as possible, using an absorbent material to collect it. Use appropriate container to avoid environmental contamination. Dilute residues and flush. Recover the cleaning water for later disposal.

### 7. Handling and storage

General	: No naked lights. No smoking.
Precautions in handling and storage	: Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures.
Technical protective measures	: Proper grounding procedures to avoid static electricity should be followed. Use only non-sparking tools.
Storage	: Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep in fireproof place.
Handling	: Handle in accordance with good industrial hygiene and safety procedures. Eliminate quickly from the eyes, to clean the skin and clothing. Keep away from food, drink and animal feeding stuffs. 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

Occupational Exposure Limits	: There exist no exposure limits for this material.
Personal protection	



- Respiratory protection	: Where excessive vapour may result, wear approved mask.
- Hand protection	: Wear suitable gloves resistant to chemical penetration (Solvents).
- Skin protection	: In case of possible repeated skin contact wear protective clothing.
- Eye protection	: Safety glasses.
- Ingestion	: When using, do not eat, drink or smoke.
Industrial hygiene	: Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.

### 9. Physical and chemical properties

Physical state at 20 °C	: Liquid.
Colour	: Yellow.
Odour	: Characteristic.
Density	: > 1
Solubility in water	: Not miscible.
Flash point [°C]	: -2°C

### 10. Stability and reactivity

Hazardous reactions	: None under normal conditions.
Hazardous properties	: May form flammable vapour-air mixture.
Conditions to avoid	: Overheating. Open flame.

### 11. Toxicological information

Rat oral LD50 [mg/kg]	: Acid citric : 11700 mg/kg. Hydrocarbon solvent (aliphatic) : > 2000 mg/kg.
Mouse oral LD50 [mg/kg]	: Acid citric : 5040 mg/kg.
Rabbit dermal LD50 [mg/kg]	: Hydrocarbon solvent (aliphatic) : > 2000 mg/kg.

### 12. Ecological information

Ecological effects information	: Avoid release to the environment. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
LC50-96 Hour - fish [mg/l]	: Acid citric : 440-706 mg/L.

### 13. Disposal considerations

General	: Avoid release to the environment. 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.
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### 14. Transport information

19 - Labelling



General information

- Proper shipping name	: UN1866 RÉSINE EN SOLUTION, 3, II, (D/E)
- UN No.	: 1866
Land transport	
- H.I. nr :	: 33
- ADR/RID	: Class : 3 Group : II
Sea transport	
- IMO-IMDG code	: Class : 3 Group : II
- IMDG-Marine pollution	: Marine pollutant
Air transport	
- ICAO/IATA	: Class : 3 Group : II

**15. Regulatory information**

- \* - Symbol(s) : Xn : Harmful.  
F : Highly flammable  
N : Dangerous for the environment
- \* R Phrase(s) : R11 : Highly flammable.  
R38 : Irritating to skin.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 : Harmful : may cause lung damage if swallowed.  
R67 : Vapours may cause drowsiness and dizziness.
- S Phrase(s) : S3 : Keep in a cool place.  
S9 : Keep container in a well-ventilated place.  
S16 : Keep away from sources of ignition - No smoking.  
S24 : Avoid contact with skin.  
S33 : Take precautionary measures against static discharges.  
S35 : This material and its container must be disposed of in a safe way.  
S37 : Wear suitable gloves.  
S43 : In case of fire, use powder, foam.  
S57 : Use appropriate container to avoid environmental contamination.  
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.  
S62 : If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.
- Contains : Hydrocarbon solvent (aliphatic).

**16. Other information**

- \* Text of R-Phrases in § 3 : R11 : Highly flammable.  
R36/38 : Irritating to eyes and skin.  
R38 : Irritating to skin.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 : Harmful : may cause lung damage if swallowed.  
R67 : Vapours may cause drowsiness and dizziness.
- 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 : 7 / 11 / 2011

The contents and format of this SDS are in accordance with EEC Commission Directive 1907/2006 CE (REACH).

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