

SAFETY DATA SHEET

DECOLORANT

Date 19/08/2011

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Producer

The Clay and Paint Factory S.A.
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In case of emergency : 070/245.245

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

- **Identification of the product** : DECOLORANT
- **Use** : Water based paint for crafts and hobby.
- See product bulletin for detailed information.
- **Emergency phone nr** : UK : + 44 870 600 6266

2. HAZARDS IDENTIFICATION

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature

sulfinic acid derivative, in water/solvent

Hazardous ingredients

ethyleneglycol

- Content (W/W): $\geq 10\%$ - $\leq 15\%$
- EC-Number: 203-473-3
- INDEX-Number: 603-027-00-1
- Hazard symbol(s): Xn
- R-phrase(s): 22
- The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

4. FIRST AID MEASURES

General advice: Remove contaminated clothing.

- **If inhaled**: If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.
- **On skin contact**: Wash thoroughly with soap and water.
- **On contact with eyes**: Wash affected eyes for at least 15 minutes under running water with eyelids held open.
- **On ingestion**: Rinse mouth and then drink plenty of water.

Note to physician:

- **Treatment**: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: water, dry extinguishing media, foam, carbon dioxide

Specific hazards:

- harmful vapours

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- Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
- Special protective equipment: Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective clothing.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

- **For large amounts:** Pump off product.
- **For residues:** Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations

7. HANDLING AND STORAGE

Handling

- No special measures necessary provided product is used correctly.
- Protection against fire and explosion: Take precautionary measures against static discharges.

Storage

- Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

- 107-21-1: ethyleneglycol

Personal protective equipment

Respiratory protection:

- Suitable respiratory protection for higher concentrations or long-term effect: Gas filter EN141 Type A for gases/vapours of organic compounds (boiling point >65 °C).

Hand protection:

- Chemical resistant protective gloves (EN 374)
- Suitable materials short-term contact and/or splashes (recommended: At least protective index 2, corresponding > 30 minutes of permeation time according to EN 374) butyl rubber (butyl) - 0.7 mm coating thickness
- Supplementary note: The specifications are based on own tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

- Safety glasses with side-shields (frame goggles) (EN 166)

General safety and hygiene measures:

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- Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Form:** liquid
- **Colour:** white
- **Odour:** product specific
- **pH value:** 8 – 11 (20 °C)(measured with the undiluted substance)
- **solidification temperature:** approx. -8 °C
- **boiling temperature:** approx. 100 °C
- **Flash point:** > 100 °C (DIN 51758)
- **Flammability:** not self-igniting
- **Ignition temperature:** > 200 °C (DIN 51794)
- **Explosion hazard:** not explosive
- **Density:** 1.2 g/cm³ (20 °C)
- **Solubility in water:** dispersible
- **Miscibility with water:** (20 °C) completely (e.g. >=90%)
- **Flow time:** 12 - 16 s (20 °C)

10. STABILITY AND REACTIVITY

- **Substances to avoid:** acids, oxidizing agent
- **Hazardous reactions:** No hazardous reactions when stored and handled according to instructions.
- **Hazardous decomposition products:** No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION

LD50/oral/rat: > 5,000 mg/kg

Primary skin irritation/rabbit: non-irritant (Draize test)

Primary irritations of the mucous membrane/rabbit: non-irritant (Draize test)

Additional information:

The statement was derived from products of similar composition.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish:

- **Leuciscus idus/LC50 (96 h):** > 100 mg/l
- The product has not been tested. The statement has been derived from products of a similar structure and composition.

Microorganisms/Effect on activated sludge:

- DEV-L2
- EC50 (96 h): > 1,000 mg/l
- Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability

Elimination information

- Test method: OECD 302B; ISO 9888; 88/302/EEC, part C
- Method of analysis: COD reduction

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- Degree of elimination: > 70 %
- Evaluation: Readily eliminated from water.
- Chemical oxygen demand (COD): 420 mg/g
- Biochemical oxygen demand (BOD) Incubation period 5 d: 130 mg/g

Other adverse effects

Adsorbable organically-bound halogen (AOX): This product contains no organically-bound halogen.

Additional information

Other ecotoxicological advice: Do not release untreated into natural waters.

13. DISPOSAL CONSIDERATIONS

Must be dumped or incinerated in accordance with local regulations.

- A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage.
- Observe national and local legal requirements.

Contaminated packaging:

- Uncontaminated packaging can be re-used.
- Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

15. REGULATORY INFORMATION

Regulations of the European union (Labelling) / National legislation/Regulations

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

Other regulations

16. OTHER INFORMATION

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 2:

- Xn Harmful.
- 22 Harmful if swallowed.

Further information : See product bulletin for detailed information.

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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