

SAFETY DATA SHEET



Ref : D10-510P
Version: 4.0
March 2011 – p1/4
Regulation (EC) N°1907/2006

Product : POLYSORB® ID37 EXP- LAB 3822

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY:

1.1 PRODUCT IDENTIFIER

Substance product name: POLYSORB® ID37 EXP- LAB 3822
REACH Registration Number.....: 01-0000000295-77-0000
.....: 01-0000000295-77-0001

1.2 USE OF SUBSTANCE

Platicizer

1.3 COMPANY IDENTIFICATION

Supplier: ROQUETTE FRERES
Address: 62136 LESTREM France
Telephone/Telefax.....: 00.33.3.21.63.36.00/00.33.3.21.63.38.50
Mail.....: sds.drid@roquette.com

1.4 EMERGENCY TELEPHONE

Telephone.....: 00.33.3.21.63.36.00

2. HAZARDS IDENTIFICATION :

2.1 Classification of the substance.....: Not classified according 67/548/EEC or
..... 1272/2008/EC
2.2 Label Elements.....: not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance common chemical name ..: isosorbide diesters
CAS number: proprietary
EC number: 01-0000000295-77-0000
.....: 01-0000000295-77-0001

Impurities contributing to the hazard ..: not applicable

4. FIRST-AID MEASURES :

4.1 Description

Inhalation.....: remove from exposed area
Eye Contact.....: wash with plenty of water
Skin Contact.....: wash with water and soap
Ingestion.....: seek medical attention according to symptoms

5. FIRE-FIGHTING MEASURES :

5.1 Extinguishing media.....: water spray
5.2 Specific hazards: may produce fumes of carbon monoxide and carbon dioxide if
burning
5.3 Specific protective action: keep containers cool with water spray, wear a self-contained
breathing appliance

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6. ACCIDENTAL RELEASE MEASURES :

- 6.1 Personal precautions, protective equipment and emergency procedures.....: personal protective equipment referred under section 8
- 6.2 Environmental precautions: product has no risk for the environment (biodegradable)
- 6.3 Methods and material for containment and cleaning up.....: pick up mechanically with adsorbent materials. Wash with water if necessary

7. HANDLING AND STORAGE :

- 7.1 Precautions for safe handling: referred under section 8
- 7.2 Conditions for safe storage
- Storage conditions.....: do not store at a temperature of less than 0°C
- Incompatible products.....: oxidizing agents
- Packaging materials.....: High Density Polyethylene (HDPE)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION :

- 8.1 Control parameters.....: not relevant
- 8.2 Exposure controls
- Engineering controls.....: referred under section 7
- Personal protective equipment
- Respiratory protection.....: not necessary in ventilated area
- Eye protection.....: wearing a cover safety goggles
- Hand protection: gloves, replace damaged gloves
- Skin and body protection: protective work clothing
- Environmental exposure controls.....:

9. PHYSICAL AND CHEMICAL PROPERTIES :

- 9.1 Physical state: liquid
- Colour.....: colourless, yellow reflection
- Odour: slightly oily smell
- pH (concentration): not available
- Boiling temperature.....: 375°C (OECD n°103)
- Melting point: - 5°C to 0°C
- Decomposition temperature.....: not available
- Flashpoint.....: 201°C at 101.3 KPa
-: (European Directive 92/69/CE Method A9)
- Autoignition temperature.....: 357°C (European Directive 92/69/CE Method A15)
- Explosion properties: no explosive property identified
- Vapour pressure: 3.10^{-2} Pa at 25°C (OECD n°104)
- Vapour density.....: not available
- Density: 1.02 – 1.03 at 20°C
- Solubility: low hydrosolubility ≤ 5 mg/l (OECD n°105) – soluble in ethanol
- Octanol/water partition coefficient.....: the product has surface tension properties. For this reason, the value of over 2.9 is given for guidance only (OECD n°107)
- Viscosity: 80 mPa.s at 20°C
- Evaporation rate: not applicable
- 9.2 Other data.....: surface tension : 50.8 mN/m (OECD n°115)

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10. STABILITY AND REACTIVITY :

- 10.1 Reactivity : no reactivity under ordinary conditions of use (solvent)
 10.2 Chemical stability : stable under ordinary conditions of use and storage
 10.3 Possibility of hazardous reactions : reacts with oxidizing agents
 10.4 Conditions to avoid : Strong oxidizing agents
 10.5 Incompatible materials : Strong oxidizing agents
 10.6 Hazardous decomposition products : typical decomposition products: carbon monoxide, carbon dioxide, water, oxygen

11. TOXICOLOGICAL INFORMATION :

- 11.1 Information on toxicological effects
 Acute toxicity : oral: LD50 ≥ 2000 mg/kg
 11.2 Local effects : not irritating to skin (OECD n°404)
 : not irritating for eyes (OECD n°405)
 11.3 Sensitization : not sensitizing (OECD n°429)
 Sub-Chronic toxicity : NOAEL = 2000 mg/kg
 Chronic toxicity : ≥ 2000 mg/kg / 13 weeks
 Mutagenicity : absence of mutagenic potential
 Carcinogenicity : not available
 Reprotoxicity : (rat) absence of toxic effect at 2000 mg/kg
 : (OECD n°414)
 Specific effects : not available

12. ECOLOGICAL INFORMATION :

- * 12.1 Toxicity : fish: no lethal effect observed on fish at 1-10 and 100 mg/l
 : (OECD n°203)
 : algae : EC50 > 100 mg/L/72h (OECD n°201)
 : * daphnia: NOEC > 1 mg/L
 12.2 Persistence/Degradability : readily biodegradable
 : 83 % ThCO₂ / 28 days (OECD 301B)
 12.3 Bioaccumulative potential : not available
 12.4 Mobility in soil : not available
 12.5 Result on PBT, vPvB assessment : in the process of assessment

13. DISPOSAL CONSIDERATIONS :

- 13.1 Waste treatment methods : can be eliminated as a solid waste (common industrial waste) or incinerated in authorised facility complying with the legislation, regulations and by-laws in force.
 13.2 Contaminated packaging : single used packaging. To be beneficiated or disposed upon the local rules in force.

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14. TRANSPORT INFORMATION :

International regulations.....: Not classified as dangerous for transport

14.1 UN number:

14.2 UN proper shipping name:

.....: RID/ADR RTMDR IMDG IATA/OACI

14.3 Transport Hazard Class(es).....: na na na na

14.4 Packing Group.....:

14.5 Environmental hazards:

14.6 Special precautions for user:

14.7 Transport in bulk according Annex II
of MARPOL 73/78 and IBC code:

15. OTHER REGULATORY INFORMATION :

15.1 Safety, health and environmental regulations:
Not classified as dangerous according 67/548/EEC or 1272/2008/EC.

German regulation: WGK1 (self-classification): low hazard to waters

* 15.2 Chemical Safety Assessment: yes

16. OTHER INFORMATION :

DISCLAIMER: Before handling this material, read and understand the Safety Data Sheet (SDS) for additional information on personal protective equipment and for safety, health and environmental information.

It is the responsibility of the user to be aware of and to follow the regulations applying to our product for its possession, handling and use.

The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of our knowledge at the latest revision date indicated on the present SDS.

* : modifications