



# SAFETY DATA SHEET

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Revised edition no : 1

Date : 11 / 1 / 2011

Supersedes : 0 / 0 / 0

## POLYSORBATUM 60

**648191**

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

**Identification of the product** : Raw material  
**Use** : Pharmaceutical  
**Company identification** : Duchefa Farma  
A. Hofmanweg 71  
2031 BH Haarlem The Netherlands  
Tel: +31(0)23-5319093  
Fax: +31(0)23-5318027  
E-mail: info@ducheфа.nl  
**Emergency phone nr** : Tel: (+31)-(0)23-5319093

### 2 HAZARDS IDENTIFICATION

**Hazards identification** : Not classified as dangerous substance

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Substance / Preparation** : Substance.  
Polysorbate 60  
CAS No :009005-67-8  
EC No :500-020-4  
Annex No :---  
**Components** : This product is not hazardous.  
**Composition** : 40 - 60 Stearic acid  
> 90 % Palmitic acid + Stearic acid  
Molecular weight 1311.7  
Structural formula C64H126O26

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Polysorbate 60	:	9005-67-8	500-020-4	----	----	-----

Contains no other components or impurities which will influence the classification of the product.

### 4 FIRST AID MEASURES

- **Inhalation** : Remove victim to fresh air.  
- **Skin contact** : Flush with plenty of water.  
- **Eye contact** : Rinse with water.  
- **Ingestion** : Seek medical attention if ill effect develops.  
Give water to drink.

### 5 FIRE-FIGHTING MEASURES

**Extinguishing media** : Dry powder.  
- **Suitable extinguishing media** : Alcohol foam.  
**Protection against fire** : Wear proper protective equipment.  
**Special procedures** : Avoid (reject) fire-fighting water to enter environment.

### 6 ACCIDENTAL RELEASE MEASURES

**Environmental precautions** : Prevent entry to sewers and public waters.  
**Clean up methods** : Dispose in a safe manner in accordance with local/national regulations.  
Dike for recovery or absorb with appropriate material.

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### 7 HANDLING AND STORAGE

**General** : Store in dry, well-ventilated area.  
**Storage** : Light sensitive.  
Store at room temperature

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Hand protection** : In case of repeated or prolonged contact wear gloves.  
- **Eye protection** : Safety glasses.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Oily liquid.  
Liquid.  
**Colour** : Clear to hazy  
Yellow-brown.  
**pH value** : 6.7 - 7.5  
**Density** : 1.08 - 1.12 g/cm<sup>3</sup>  
**Viscosity at 30°C [mPa.s]** : Circa 400  
**Solubility in water** : Good.  
**Flash point [°C]** : > 148 Closed cup

### 10 STABILITY AND REACTIVITY

**Stability and reactivity** : Stable under normal conditions.  
**Materials to avoid** : Oxidizing agent.

### 11 TOXICOLOGICAL INFORMATION

- **Dermal** : May cause skin irritation.  
- **Ocular** : May cause eye irritation.  
- **Other** : See actual entry in RTECS for complete information. WG2934000  
**Rat oral LD50 [mg/kg]** : > 62640

### 12 ECOLOGICAL INFORMATION

**Environmental precautions** : Prevent entry to sewers and public waters.  
Avoid release to the environment.  
**Bioaccumulative potential** : None under normal conditions.

### 13 DISPOSAL CONSIDERATIONS

**General** : Avoid release to the environment.  
Dispose in a safe manner in accordance with local/national regulations.

### 14 TRANSPORT INFORMATION

**General information** : Not classified as dangerous in the meaning of transport regulations.

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**POLYSORBATUM 60****648191**

## 15 REGULATORY INFORMATION

**EC Classification** : Polysorbate 60  
**67/548/EC & 1999/45/EC** CAS No :009005-67-8  
EC No :500-020-4  
Annex No :---

### EC Labelling

**Symbol(s)** : None.  
**R Phrase(s)** : None.  
**S Phrase(s)** : None.

### CLP classification

*REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006*

**Hazard Class and Category Code**  
**REGULATION (EC) No 1272/2008 (**  
**CLP)**  
Not regulated.

## 16 OTHER INFORMATION

**Revision** : Complete SDS revision  
**Further information** : The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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