



**EIGENMANN & VERONELLI S.p.A.**  
**Safety Data Sheet**  
**SORBITAL T 80 (several types)**

**Safety Data Sheet dated 4/5/2011, version 0 (Reg. 453/2010/UE)**

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

1.1 Product Identifier

Identification of the substance

Trade name: SORBITAL T 80 (several types – see par. 16)

SdS n°: EVA24214

Product use: Industrial use

CAS number: 9005-65-6

EC number: -

The transition time according to REACH Regulation, Article 23 is still not expired.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Industrial use.

1.3 Details of the supplier of the safety data sheet

Supplier:

EIGENMANN & VERONELLI S.p.A.

Via della Mosa, 6 - 20017 Rho (MI) Italy

Tel. +39 02935391 - Fax +39 02935361

Competent person responsible for the safety data sheet:

stg@eigver.it

1.4 Emergency telephone number

Poison Centre - Niguarda Hospital - Milan - Tel. +390266101029 - 24h/24

**2. HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

No specific hazards are encountered under normal product use.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 Substances

Identification of the substance

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs.

INCI: Polysorbate 80

Trade name: SORBITAL T 80 (several types)

CAS number: 9005-65-6

EC number: 500-019-9

3.2 Mixtures

N.A.

**4. FIRST AID MEASURES**

4.1 Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

In case of Ingestion:

Do NOT induce vomiting.

Give nothing to eat or drink.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

4.2 Most important symptoms and effects, both acute and delayed

None



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4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

## 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3 Advice for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3 Methods and material for containment and cleaning up

Wash with plenty of water.

6.4 Reference to other sections

See also section 8 and 13

## 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from strong oxidizing agents.

Keep away from food, drink and feed.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3 Specific end use(s)

None in particular

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

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TLV-TWA - TLV-STEL- VLE 8h- VLE short: None

8.2 Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.



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Protection for hands:

Not needed for normal use.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance : Liquid
- Colour : Amber
- Odour: Odourless
- pH: N.D.
- Melting point / freezing point: N.D.
- Initial boiling point and boiling range: > 150 °C.
- Solid/gas flammability: N.D.
- Upper/lower flammability or explosive limits: N.D.
- Vapour density: N.D.
- Flash point: > 150°C (P.M.)
- Evaporation rate: N.D.
- Vapour pressure: N.D.
- Relative density: N.D.
- Solubility in water: 1,080 g/ml (20°C)
- Lipid solubility: N.D.
- Partition coefficient (n-octanol/water): N.D.
- Auto-ignition temperature: N.D.
- Decomposition temperature: N.D.
- Viscosity: 425 mPa.s (25°C)
- Explosive properties: N.D.
- Oxidizing properties: N.D.

9.2 Other information

- Miscibility: N.D.
- Fat Solubility: N.D.
- Conductivity: N.D.
- Substance Groups relevant properties N.D.

## 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid:

Stable under normal conditions.

10.5 Incompatible materials:

Keep away from strong oxidizing agents.

10.6 Hazardous decomposition products:

None.

## 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Set out below is the toxicological information relating to the substance.

- Skin contact: Not irritant. Not cause any sensitization. (Rabbit)
- Eye contact: Not irritant. (Rabbit)
- LD50(Oral Rat): >30000 mg/kg



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## 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity  
Adopt sound working practices, so that the product is not released into the environment.  
LC50(Fish): 471 mg/l/96h  
EC0(Bacteria): >10000 mg/l
- 12.2 Persistence and degradability  
Biodegradability: 52% OECD 301 C
- 12.3 Bioaccumulative potential  
Bioaccumulative: No
- 12.4 Mobility in soil  
No
- 12.5 Results of PBT and vPvB assessment  
Not PBT and not vPvB.
- 12.6 Other adverse effects  
None

## 13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force.

## 14. TRANSPORT INFORMATION

- Not a dangerous material under the amended E.E.C. Council Directives
- 14.1 UN number:  
N.A.
- 14.2 UN proper shipping name:  
N.A.
- 14.3 Transport hazard class(es):  
N.A.
- 14.4 Packing Group:  
N.A.
- 14.5 Environmental hazards  
Marine pollution: No  
N.A.
- 14.6 Special Precautions for User  
N.A.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
N.A.

## 15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 67/548/EEC (DSD). Dir. 99/45/EEC (DPD). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.  
Where applicable, refer to the following regulatory provisions :  
Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.  
Regulation (EC) nr 648/2004 (detergents).
- 15.2 Chemical Safety Assessment  
No

## 16. OTHER INFORMATION

Product codes : 24429 SORBITAL T 80; 24214 SORBITAL T 80 P ; 30467 SORBITAL T 80 PH  
Main bibliographic sources:

- ACGIH - Threshold Limit Values - 2004 edition
- Istituto Superiore di Sanità - National Chemical Substances Inventory (Italy)

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.