

# POLYSORBATE

**Product Name**

Polysorbate T20

**Supplier**

Just a Soap  
South East Lodge  
Rede Road  
Whepstead  
Bury St Edmunds  
IP29 4ST  
01284 735043

**Composition/Ingredients Information**

Description: Surfactant. Solubilising agent.  
CAS No: 9005-64-5  
Synonyms: POLYSORBATE 20  
POLYOXYETHYLENE SORBITAN FATTY ACID ESTER

**Hazards Identification**

No significant hazards.

**First Aid Measures (Symptoms)**

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.  
Eye contact: There may be irritation and redness.  
Skin contact: there may be mild irritation at the site of contact.  
Ingestion: There may be soreness and redness of the mouth and throat.

**First Aid Measures (Action)**

Skin contact: remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.  
Eye contact: bathe the eye with running water for 15 minutes. Consult a doctor.  
Ingestion: Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. Consult a doctor.  
Inhalation: remove casualty from exposure ensuring one's own safety whilst doing so.

**Fire Fighting Measures**

Suitable extinguishers: carbon dioxide, alcohol or polymer foam. Dry chemical powder.  
Protective clothing: fire fighters should wear protective clothing and approved respirator.  
Exposure hazards: in combustion, emits toxic fumes of carbon dioxide and carbon monoxide.

**Accidental Release Measures**

Personal precautions: avoid skin and eye contact.  
Environment precautions: keep away from drains, soils, surface and groundwaters.  
Cleaning up methods: Remove using absorbents then clean the area with hot water and detergent.

## POLYSORBATE

### Handling & Storage

Handling: do not handle in a confined space.

Storage: in a cool dry room avoiding exposure to light. Keep container tightly closed.

### Exposure Controls/Personal Protection

Respiratory protection: self contained breathing apparatus must be available in case of emergency.

Hand protection: protective gloves..

Eye protection: use safety glasses if there is a risk of splashing.

### Physical & Chemical Properties

State: liquid.

Colour: Yellow.

Odour: Mild.

Solubility in water: soluble.

Boiling point/range °C : ~100

Melting point/range °C: ~1/1

Ph ~7

### Stability & Reactivity

Materials to avoid: oxidising materials.

Stability: stable under normal conditions.

### Toxicological Information

Acute toxicity: Surfacare T20

ORL RAT LD50>2000mg/kg

### Ecological Information

Ecotoxicity: SURFACARE T20

FISH96H LC50>100mg/l

Mobility: soluble in water.

Persistence and degradability: Biodegradable.

### Disposal Considerations

Disposal operations: D10 Incineration on land.

Disposal of packaging: dispose of as normal industrial waste.

### Transport Regulations

No special requirements and no restrictions on transportation by land, sea or air. Not classified as dangerous.

### Regulatory Information

Not classified as hazardous.

### Q.C. Requirements

In line with general product specification. Always satisfy suitability for specific application.

This information relates only to the specific product designated and may not be valid for such product used in combination with any other materials or processes. Such information is, to the best of Just A Soap's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or

## POLYSORBATE

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