



# Safety Data Sheet

## Hazard Information

Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS).

### Chemical and Company Identification

Product name	Product code	
Tween 20	GR128-1	<i>For research use only.</i>

#### Supplier

Hoefer, Inc.  
84 October Hill Road, Suite 10  
Holliston, MA 01746  
Phone: 800-227-4750  
508-893-8999

#### Emergency Contact

ChemTel Inc.  
800-255-3924 (North America) +1-813-248-0585 (International)  
1-300-954-583 (Australia) 0-800-591-6042 (Brazil)  
000-800-100-4086 (India) 400-120-0751 (Peoples Republic of China)  
800-099-0731 (Mexico)

### Composition / Ingredients

Hazard	CAS No.	EC No.	%WT	Molecular Formula	Molecular Weight
Polyethylene glycol sorbitan monolaurate	9005-64-5	None	>99	C <sub>58</sub> H <sub>114</sub> O <sub>26</sub>	1226.78 g/mol

### Hazards Identification

**GHS Classification:** Not hazardous according to GHS.  
**WHMIS:** Not controlled.

#### Potential Health Effects:

**Eyes:** May cause irritation.

**Skin:** May cause irritation.

**Inhalation:** May cause irritation to respiratory tract.

The toxicological properties of this product have not been fully investigated.

**Ingestion:** may cause irritation to GI tract if swallowed.

The toxicological properties of this product have not been fully investigated.

#### First Aid Measures

**Eyes:** Flush eyes with water. Consult a physician.

**Skin:** In case of contact, flush area immediately with water. Get medical aid if irritation persists.

**Inhalation:** Remove victim to fresh air. Get medical aid if irritation persists.

**Ingestion:** Wash mouth with water. Get medical aid if any symptoms appear.

### Fire-Fighting Measures

**Flammable:** No

**Flash Point:** Not determined.

**Autoignition Temperature:** Not determined.

**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.

**Explosion Data:** Not available.

### Accidental Release Measures

Ventilate the area. Wear appropriate protective equipment.

Collect with an electrically protected vacuum cleaner and place in container for disposal according to local regulations.

### Handling and Storage

**Handling:** Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

**Storage Conditions:** Room temperature, hygroscopic. Keep cool and dry.

## Exposure Controls/Personal Protection

**Exposure limits:** None listed by ACGIH, NIOSH, OSHA  
Use adequate ventilation. Avoid dust generation  
Wear appropriate protective equipment to prevent eye and skin exposure.  
Wear appropriate respirator to prevent lung irritation.

## Physical and Chemical Properties

**Physical State:** Liquid  
**Appearance and Odor:** Amber liquid, no odor  
**Melting Point:** 245°C  
**Boiling Point:** >100°C  
**Specific Gravity:** 1.1060  
**Vapor Density:** N/A  
**Water Solubility:** Yes, 100 g/L  
**pH:** N/A

## Stability and Reactivity

**Stability:** Stable under normal room temperatures and pressure.  
**Conditions to Avoid:** Dust generation  
**Incompatibility:** Strong oxidizing agents  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide  
**Hazardous Polymerization:** Has not been reported.

## Toxicological Properties

**Exposure Limits:**  
LD<sub>50</sub>: no data available  
**Epidemiology:** No data available.  
**Teratogenicity:** No data available.  
**Reproductive Effects:** No data available.

**Neurotoxicity:** No data available.  
**Mutagenicity:** No data available.  
**Carcinogenicity:** Not listed by ACGIH, IARC, NTP or CA

## Ecological Information

No information found.

## Disposal Considerations

**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial, and local regulations.

## Transportation Information

**Shipping Information:**  
**US DOT:** Not regulated.  
**IMDG:** Not regulated.  
**IATA:** Not regulated.

## Regulatory Information

**Canada:** WHMIS: not controlled.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

Hoefler, Inc.  
84 October Hill Road, Suite 10  
Holliston, MA 01746  
[www.hoeflerinc.com](http://www.hoeflerinc.com)  
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