

MATERIAL SAFETY DATA SHEET

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Date prepared: 02/10/2001
MSDS Number: ACC 00528

Product and Company Identification

Product Name: Tween 20
Catalog Number: ACC 00528

Company: Agdia, Inc
Address: 30380 County Rd 6
Elkhart, IN 46514
USA
Phone: 1-800-622-4342 or
1-574-264-2014

Material / Ingredient Identification

Chemical Name:	CAS Number	Exposure Limits
Polyoxyethylene sorbitan monolaurate (Tween 20)	9005-64-5	No data found

Physical Chemical Characteristics

Boiling Point: NA	Specific Gravity: 1.095
Vapor Pressure: NA	Melting Point: NA
Vapor Density: NA	Evaporation Rate: NA
Solubility in Water: NA	Water Reactive: No

Appearance and odor: Viscous light yellow liquid.

Fire and Explosion Hazard Data

Flash Point: > 230°F
Flammability Limits: NA
Extinguisher Media: Water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.
Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.

Reactivity Hazard Data

Chemical Stability: Stable X Unstable _____
Conditions To Avoid: N/A
Incompatibility (Materials to avoid): Strong oxidizing agents
Hazardous Decomposition Products: Toxic fumes of carbon monoxide and carbon dioxide.
Hazardous Polymerization: May Occur _____ Will Not Occur X
Conditions to Avoid: NA

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Health Hazard Data

Routes of Entry: Inhalation X Ingestion X Skin Absorption X
Carcinogenicity: NTP _____ IARC Monograph _____ OSHA _____ Not Listed X
Health Hazards:
Acute: May be harmful by inhalation, ingestion or skin absorption. May cause irritation.
Chronic: NA

Signs and Symptoms of Exposure: NA
Medical Conditions Generally Aggravated by Exposure: No data

First Aid Procedures

Eye Contact: Flush eyes with water for at least 15 minutes.
Skin Contact: Wash skin with soap and water. Remove contaminated clothing and wash before reuse. Inhalation: Get to fresh air.
Ingestion: If person is conscious, wash mouth out with water. Get medical attention.

Seek medical assistance for further treatment, observation and support if necessary.

Control and Protective Measures

Respiratory Protection: If respirator is needed, follow OSHA respirator protection standards found in 29CFR1910.134.
Protective Gloves: Chemical resistant gloves.
Eye Protection: Chemical safety goggles.
Ventilation: Use adequate general or local exhaust ventilation.
Other Protective Clothing and Equipment: Wear lab coat or apron.
Hygienic Work Practices: Use good laboratory practices. Wash hands after using.

Precautions for Safe Handling and Use

Steps to be Taken If Material Is Spilled Or Released: Wear protective clothing including, respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Cover with dry lime or soda ash, pick up, keep in closed container and hold for waste disposal.

Waste Disposal Methods: Mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Comply with all applicable federal, state, and local regulations.

Precautions for Handling and Storage: Do not get in eyes, on skin, or on clothing

Other Precautions and/or Special Hazards: Store in cool dry place. Keep tightly closed.