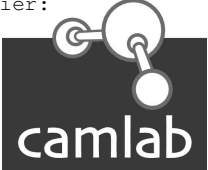


**1. Identification**

Product Code 1111336

Product Name **TWEEN 20**

CAS Number 9005-64-5

Supplier: **CAMLAB LIMITED**  
  
**Norman Way Industrial Estate  
Over  
Cambridge  
England  
CB4 5WE**

Phone 01954 233110  
Fax 01954 233101

Emergency Telephone 08:00-17:00 01954 233110  
24hr 112  
(Have this document to hand)

**2. Composition**

No hazardous components

**3. Hazards Identification**

Not considered harmful

**4. First Aid Measures**

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open.  
OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. Do not induce vomiting.

**5. Fire Fighting Measures**

Hazards May evolve toxic fumes if involved in a fire. Fire-fighters should wear protective clothing and breathing apparatus.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

**6. Accidental Release Measures**

Personal Protection Presents no major hazards.

Environmental Keep material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

Major Spillage Contain and absorb on inert material. Transfer absorbent to salvage container for removal.  
Wash area down with copious amounts of water.

Minor Spillage Wash area down with copious amounts of water.

## 7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath vapours. Do not allow to contaminate clothing.
	No specific precautions.
Storage Conditions	Well ventilated, cool, dry storage .

## 8.1 Workplace Exposure Limits

No prescribed exposure limits available

## 8.2 Personal Protection

Respiratory	Presents no significant inhalation health hazard.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

## 9. Physical & Chemical Properties

Appearance	Colourless to pale brown, oily liquid.
Odour	Odourless.
pH	Not available
Boiling point	100.0 °C
Melting point	Not available
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Negligible
Relative Density	1.0400 °C
Water Solubility	Moderately soluble in water.

## 10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	None unusual. Burning will produce smoke, carbon monoxide and/or carbon dioxide.

## 11. Toxicological Information

Eyes	The liquid may be irritating to the eyes but unlikely to cause serious injury.
Skin	The liquid may be mildly irritating to the skin..
LD50 Skin	Not available
Ingest	Low order of acute toxicity.
LD50 Ingest	Not available
Inhalation	Presents no significant health hazard by inhalation.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

## 12. Ecological

Readily bio-degraded in the environment.

## 13. Disposal Considerations

Disposal Methods Dispose of via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Contaminated Packaging Use a licensed waste disposer. Wash out containers with water.

## 14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

## 15. Regulatory Information

Labelling None  
Classification

Label Symbols None

Risk & safety Phrases None

EEC Number Not available

## 16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

Revision Date: 25/08/99.

Data reviewed and PDF file generated: 17/03/10.

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