



VITUSA PRODUCTS™  
INCORPORATED  
MATERIAL SAFETY DATA SHEET

VITUSA PRODUCTS, INC.

Product: Triacetin

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Issued: 04/07/05

Revision No: 07

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

Product name: TRIACETIN  
CAS number: 102-76-1  
EINECS number: 203-051-9  
Product code: HS 1010 CB  
Synonyms: GLYCERYL TRIACETATE  
Use / description of product: No significant hazard.  
Company name: Vitusa Products, Inc.  
343 Snyder Avenue  
Berkeley Heights, NJ 07922  
Phone:: (908) 665-2900  
Fax:: (908) 665-2662  
Emergency Phone Number: (800) 884-8872

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

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**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** No symptoms.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** No symptoms.  
**Inhalation:** No symptoms.

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**4. 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.  
**Ingestion:** Do not induce vomiting. Consult a doctor.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Alcohol resistant foam.  
**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Remove all incompatible materials as outlined in section 10 of SDS. Refer to section 8 of SDS for personal protection details.  
**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.  
**Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water. Transfer to a suitable container.

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## 7. HANDLING AND STORAGE

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.  
**Storage conditions:** Keep container tightly closed. Store in cool, well ventilated area.  
**Suitable packaging:** Steel drums. Stainless steel. Coated steel. Do not use aluminum containers.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure there is sufficient ventilation of the area.  
**Respiratory protection:** Respiratory protection not required.  
**Hand protection:** Protective gloves.  
**Eye protection:** Safety glasses with side-shields.  
**Skin protection:** Protective clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid  
**Colour:** Colourless  
**Odour:** Barely perceptible odour  
**Viscosity:** Non-viscous  
**Viscosity test method:** Kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40 °C (ISO 3104/3105)  
**Boiling point/range °C:** 250  
**Melting point/range °C:** -78  
**Flash point °C:** 146  
**Autoflammability °C:** 432

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#### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Sources of ignition. Heat. Flames.  
**Materials to avoid:** Oxidising agents.  
**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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#### 11. TOXICOLOGICAL INFORMATION

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

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#### 12. ECOLOGICAL INFORMATION

**Mobility:** Readily absorbed into soil.  
**Persistence and degradability:** Biodegradable.  
**Bioaccumulative potential:** No bioaccumulation potential.  
**Other adverse effects:** Negligible ecotoxicity.

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#### 13. DISPOSAL CONSIDERATIONS

**Disposal of packaging:** Arrange for collection by specialised disposal company.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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#### 14. TRANSPORT INFORMATION

##### ADR / RID

**UN no:**  
**Shipping name:** "NOT SUBJECT TO ADR"

##### IMDG / IMO

**UN no:** **Labeling:** Not Hazardous For Transport

##### IATA / ICAO

**UN no:**  
**Labeling:** Not Hazardous For Transport

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#### 15. REGULATORY INFORMATION

**Hazard symbols:** No significant hazard.  
**Safety phrases:** S24/25: Avoid contact with skin and eyes.  
**Not** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. Vitusa Products believes this information to be reliable and up to date as of the date of publication, but makes no warranty that it is. It is the users responsibility to determine the suitability of the information provided and to distribute it to those who will use, handle, store, transport, or may otherwise be exposed to this product.

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