



MATERIAL SAFETY DATA SHEET

SECTION 1. Chemical Product and Company Identification Medica 16

Product Code: 87272-20-6 , **Reference #:** 90290

Product Name: Medica 16

CAS Number: 87272-20-6

Chemical Family: Fatty acid

Synonyms

3,3,14,14-tetramethylhexadecanedioic acid

Manufacturer Name and

Address:

Cayman Chemical Company

1180 E. Ellsworth Rd.

Ann Arbor, MI. 48108

Cayman Chemical
Company

Cayman Chemical
Company

**Telephone
Numbers:**

(800)364-9897

(734)971-3335

Dates:

Date Entered:
03/17/2003

Revision: 03/17/2003

Printed: 03/17/2003

SECTION 2. Composition/Information on Ingredients Medica 16

Hazardous Components (Specific Chemical Identity/Common Name)

Name: Medica 16

CAS #: 87272-20-6

OSHA PEL: No data.

Percentage: 100.0 %

ACGIH TLV: No data.

SECTION 3. Hazards Identification Medica 16

Emergency Overview

No data available.

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other: Injection

Potential Health Effects (Acute and Chronic)

Contact may cause skin or eye irritation.

Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye, skin, or respiratory system irritation.

The toxicological properties of this compound have not been fully evaluated.

Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No

Carcinogenicity/Other Information

No data available.

Signs and Symptoms Of Exposure

Irritating to the skin, eyes, nose, throat, and respiratory tract.

**SECTION 4. First Aid Measures
Medica 16****Emergency and First Aid Procedures**

If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention.

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Note to Physician

No data available.

Medical Conditions Generally Aggravated By Exposure

No data available.

**SECTION 5. Fire Fighting Measures
Medica 16**

Flash Pt: No data. **Method Used:** See note below

Explosive Limits: LEL: No data. UEL: No data.

Extinguishing Media

Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Flammable Properties and Hazards

No data available.

Hazardous Combustion Products

No data available.

**SECTION 6. Accidental Release Measures
Medica 16****Steps To Be Taken In Case Material Is Released Or Spilled**

Vacuum or sweep up material and place in disposal container.

Avoid raising dust.

After removal, ventilate contaminated area and flush thoroughly with water.

**SECTION 7. Handling and Storage
Medica 16**

Molecular Formula: C₂₀H₃₈O₄
Molecular Weight: 342.50
pH: No data.
Appearance and Odor
White needles

SECTION 10. Stability and Reactivity Medica 16

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability
No data available.
Incompatibility - Materials To Avoid
No data available.
Hazardous Decomposition Or Byproducts
No data available.
Hazardous Polymerization: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization
No data available.

SECTION 11. Toxicological Information Medica 16

The toxicological effects of this compound have not been thoroughly studied.
Chronic Toxicological Effects
No data available.

SECTION 12. Ecological Information Medica 16

Runoff from fire control or dilution water may cause pollution.

SECTION 13. Disposal Considerations Medica 16

Waste Disposal Method
Dispose in accordance with local, state and federal regulations.

SECTION 14. Transport Information Medica 16

DOT Proper Shipping Name
No data available.
Additional Transport Information
Transport in accordance with local, state, and federal regulations.

SECTION 15. Regulatory Information

Medica 16

Regulatory information on this product is not available.

**SECTION 16. Other Information
Medica 16**

For research use only, not for human or veterinary clinical use.

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