

MATERIAL SAFETY DATA SHEET

SECTION 1. Product and Company Identification VITA FLEX ULTRA-PURE MSM

Product Code: VF-MSM

Product Name: VITA FLEX ULTRA-PURE MSM

**Manufacturer Name and
Address:**

**Telephone
Numbers:**

Dates:

Vita-Flex Products

CHEMTREC (800)424-9300

Date Created:

07/17/2000

1302-B Lew Ross Road

Revision: 08/27/2007

Council Bluffs, IA. 51501

Marketing (800)848-2359

Printed: 08/28/2007

United States of America

Additional Identity Information

3000093 1-lb

3000095 2-lb

3000097 4-lb

3000094 10-lb

3000096 20-lb

3000099 40-lb

SECTION 2. Composition/Information on Ingredients VITA FLEX ULTRA-PURE MSM

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Methyl sulfone {Dimethyl sulfone}	67-71-0	99.5 %

OSHA PEL	ACGIH TLV	Other Limits
1. No data.	No data.	TWA- 10

SECTION 3. Hazards Identification VITA FLEX ULTRA-PURE MSM

Emergency Overview

No data available.

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

Potential Health Effects (Acute and Chronic)

No data available.

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

Carcinogenicity/Other Information

No data available.

Recommended Exposure Limits

TWA: 10 (Dust)

LD 50 / LC 50

oral rat LD 50:17,000 mg/kg

Signs and Symptoms Of Exposure

No data available.

Medical Conditions Generally Aggravated By Exposure

No data available.

SECTION 4. First Aid Measures

VITA FLEX ULTRA-PURE MSM

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Get immediate medical attention.

In Eyes: Flush the contaminated eyes with a gentle stream of water or saline until no evidence of the chemical remains. Get medical attention immediately.

On Skin: Wash with soap and water.

Ingestion: If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention, as needed.

Note to Physician

No data available.

SECTION 5. Fire Fighting Measures

VITA FLEX ULTRA-PURE MSM

Flash Pt: 135.00 C **Method Used:** TCC

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

Autoignition Pt: N.A. **Extinguishing Media**

Carbon dioxide, dry chemical, foam, or water

Fire Fighting Instructions

Avoid dispersion of dust in air to reduce potential explosion hazard.

Flammable Properties and Hazards

No data available.

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures

VITA FLEX ULTRA-PURE MSM

Steps To Be Taken In Case Material Is Released Or Spilled

Vacuum or sweep up material and place in disposal container.

SECTION 7. Handling and Storage

VITA FLEX ULTRA-PURE MSM

Hazard Label Information:

Cancer hazard.

Use with adequate ventilation.

Precautions To Be Taken in Handling

No data available.

Precautions To Be Taken in Storing

No data available.

Other Precautions

No data available.

SECTION 8. Exposure Controls/Personal Protection

VITA FLEX ULTRA-PURE MSM

Protective Equipment Summary - Hazard Label Information:

Neoprene gloves

ANSI approved respirator

Respiratory Equipment (Specify Type)

None needed under conditions of normal use. In manufacturing situations, use of a NIOSH/MSHA organic vapor respiratory may be needed.

Eye Protection

Goggles to prevent mechanical injury in manufacturing situations.

Protective Gloves

Rubber or plastic gloves

Other Protective Clothing

Sufficient to prevent over-exposure.

Engineering Controls (Ventilation etc.)

Local is sufficient.

Work/Hygienic/Maintenance Practices

Wash thoroughly after use and before eating, smoking, or using restroom.

SECTION 9. Physical and Chemical Properties

VITA FLEX ULTRA-PURE MSM

Solubility Notes

Hygroscopic

Physical States: Gas , Liquid , Solid
Boiling Point: 238.00 C
Melting Point: 109.00 C
Specific Gravity (Water = 1): 1.1707 at 110.0 C
Density: No data.
Vapor Pressure (vs. Air or mm Hg): N.A.
Vapor Density (vs. Air = 1): N.A.
Evaporation Rate (vs Butyl Acetate=1): N.A.
Solubility in Water: Soluble
Percent Volatile: N.A.
Saturated Vapor Concentration: No data.
Viscosity: No data.
pH: No data.
Appearance and Odor
White odorless crystals.

SECTION 10. Stability and Reactivity VITA FLEX ULTRA-PURE MSM

Stability: Unstable Stable
Conditions To Avoid - Instability
Stable at normal temperatures and pressures
Incompatibility - Materials To Avoid
Oxidizing materials
Hazardous Decomposition Or Byproducts
Thermal decomposition products: Oxides of sulfur, carbon
Hazardous Polymerization: Will occur Will not occur
Conditions To Avoid - Hazardous Polymerization
Product will not undergo polymerization.

SECTION 11. Toxicological Information VITA FLEX ULTRA-PURE MSM

No data available.

SECTION 12. Ecological Information VITA FLEX ULTRA-PURE MSM

No data available.

SECTION 13. Disposal Considerations VITA FLEX ULTRA-PURE MSM

Waste Disposal Method

Place in closed containers. dispose of product in accordance with local, state and federal regulations. Keep out of water supplies and sewers.

SECTION 14. Transport Information
VITA FLEX ULTRA-PURE MSM**DOT Proper Shipping Name**

No data available.

Additional Transport Information

No data available.

SECTION 15. Regulatory Information
VITA FLEX ULTRA-PURE MSM

No data available.

SECTION 16. Other Information
VITA FLEX ULTRA-PURE MSM

Supersedes Revision 04/15/2004

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.
