

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078467092

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078467084

# 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.

---