

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION SU-PER MSM LIQUID

PRODUCT CODE: SFEMSMQ, SFEMSMG
PRODUCT NAME: MSM
INTENDED USE: Feed Supplement for Horses
CAS NUMBER: 67-71-0

MANUFACTURER NAME AND
ADDRESS:

TELEPHONE
NUMBERS:

DATES:

Gateway Products, Inc

Emergency: (800)421-2828

Date Created:
10/24/05

301 S. Main Street

Emergency: (719) 537-6351

Revision:
01/27/09

Holly, CO 81047

Information:

Printed: 01/27/09

RESPONSIBLE PERSON: Mike Simon , PHONE #: (719)537-6351, Ext: 19

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS SU-PER MSM LIQUID

HAZARDOUS COMPONENTS (CHEMICAL NAME)	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENTAGE
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SECTION 3. HAZARDS IDENTIFICATION SU-PER MSM LIQUID

EMERGENCY OVERVIEW

ROUTE(S) OF ENTRY: Inhalation? Yes , Skin? No , Eyes? Yes , Ingestion? Yes
POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC)

CARCINOGENICITY: NTP? No , IARC Monographs? No , OSHA Regulated? No
CARCINOGENICITY/OTHER INFORMATION

RECOMMENDED EXPOSURE LIMITS: LD 50/LC 50: oral rat LD50 = 17,000 mg/kg
SIGNS AND SYMPTOMS OF EXPOSURE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

SECTION 4. FIRST AID MEASURES SU-PER MSM LIQUID

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Provide Fresh Air If necessary, oxygen should be administered. Get medical attention.

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

SKIN CONTACT: Wash with soap and water until no evidence of chemical remains. Non-irritant.

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

NOTE TO PHYSICIAN

SECTION 5. FIRE FIGHTING MEASURES SU-PER MSM LIQUID

FLASH PT: 135.00 C METHOD USED: TCC

EXPLOSIVE LIMITS: LEL: UEL:

AUTOIGNITION PT: N.A. EXTINGUISHING MEDIA

Carbon dioxide, dry chemical, foam, or water

FIRE FIGHTING INSTRUCTIONS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear.

FLAMMABLE PROPERTIES AND HAZARDS

Slight fire hazard. Dust/air mixtures may ignite or explode.

HAZARDOUS COMBUSTION PRODUCTS

SECTION 6. ACCIDENTAL RELEASE MEASURES SU-PER MSM LIQUID

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Mop or sweep up material and place in disposal container.

SECTION 7. HANDLING AND STORAGE SU-PER MSM LIQUID

HAZARD LABEL INFORMATION:

Avoid breathing dust Do not use near fire, sparks or flame

PRECAUTIONS TO BE TAKEN IN HANDLING

PRECAUTIONS TO BE TAKEN IN STORING

OTHER PRECAUTIONS

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION SU-PER MSM LIQUID

PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION:

Rubber or plastic gloves Chemical goggles

RESPIRATORY EQUIPMENT (SPECIFY TYPE)

For levels above TLV/TWA use approved particulate/organic respirator. Sufficient ventilation should be provided to keep air contamination below permissible exposure limits.

EYE PROTECTION

PROTECTIVE GLOVES

OTHER PROTECTIVE CLOTHING

ENGINEERING CONTROLS (VENTILATION ETC.)

WORK/HYGIENIC/MAINTENANCE PRACTICES

Eye wash stations should be available.

Wash thoroughly with soap and water after handling

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES SU-PER MSM LIQUID

PHYSICAL STATES: Gas , Liquid , Solid

BOILING POINT: 238.00 C

MELTING POINT: 108.00 C

SPECIFIC GRAVITY (WATER = 1): 1.45 at 26.0 C

VAPOR PRESSURE (VS. AIR OR MM HG):

VAPOR DENSITY (VS. AIR = 1):

EVAPORATION RATE (VS BUTYL ACETATE=1):

SOLUBILITY IN WATER:

OTHER SOLUBILITY NOTES: Solubility Parameter 14.5

PERCENT VOLATILE: N.A.

PH:

APPEARANCE AND ODOR

Red viscous liquid with cherry odor

SECTION 10. STABILITY AND REACTIVITY SU-PER MSM LIQUID

STABILITY: Unstable Stable

CONDITIONS TO AVOID - INSTABILITY

Excessive heat, sparks or open flame

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

Will not polymerize

**SECTION 11. TOXICOLOGICAL INFORMATION
SU-PER MSM LIQUID**

**SECTION 12. ECOLOGICAL INFORMATION
SU-PER MSM LIQUID**

**SECTION 13. DISPOSAL CONSIDERATIONS
SU-PER MSM LIQUID**

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
SU-PER MSM LIQUID**

DOT PROPER SHIPPING NAME

ADDITIONAL TRANSPORT INFORMATION

**SECTION 15. REGULATORY INFORMATION
SU-PER MSM LIQUID**

SECTION 16. OTHER INFORMATION
SU-PER MSM LIQUID

HMIS HAZARD RATINGS:		Minimal: 0
Health:	1	Slight: 1
Flammability:	0	Moderate: 2
Reactivity:	0	Serious: 3
Protection:		Extreme: 4

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.
