



## MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Product Name Magnesium Supplement (MS)  
Product ID 2171, 2172, 2200

12/01/12

### SECTION 1

#### PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Magnesium Supplement (MS)  
**SYNONYMS:** Magnesium Sulfate  
**PRODUCT CODES:** 2171, 2172, 2200  
**MANUFACTURER:** SR Aquaristik  
**ADDRESS:** 902 S. Randall Rd. Suite C #308, St. Charles, IL 60174  
**EMERGENCY PHONE:** 630-524-4612  
**EMAIL CONTACT:** info@sraquaristik.com  
**CHEMICAL FORMULA:** MgSO4

### SECTION 2

#### COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARDOUS INGREDIENTS** None known.  
**COMPONENTS** All ingredients not precisely identified are proprietary.

<b>OTHER INGREDIENTS:</b>	Magnesium Sulfate
<b>CAS NO.</b>	7487-88-9
<b>% WT</b>	@
<b>OVER 3%</b>	yes

**SARA 313 REPORTABLE** no

### SECTION 3

#### HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW:

**Appearance:** Solid crystals  
**Odor:** none

##### POTENTIAL HEALTH EFFECTS

**EYES:** Slight irritation may occur  
**SKIN:** Slight irritation may occur  
**INGESTION:** Slight irritation may occur  
**INHALATION:** Slight irritation may occur

	<b>ACUTE AND CHRONIC HEALTH HAZARDS:</b>	None known.
	<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</b>	None known.
<b>CARCINOGENICITY</b>		
	OSHA:	n/a
	IARC:	n/a
	ACGIH:	n/a
	OTHER:	n/a
	NTP:	n/a

#### SECTION 4

#### FIRST AID MEASURES

<b>EYES:</b>	Flush eyes thoroughly with running water for 15 minutes while keeping the eyelids wide open.  Consult physician if redness or irritation persists.
<b>SKIN:</b>	Wash with soap and water. Cold water may be used. If irritation develops seek medical attention
<b>INGESTION:</b>	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
<b>INHALATION:</b>	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

#### SECTION 5

#### FIRE-FIGHTING MEASURES

<b>SUITABLE EXTINGUISHING MEDIA</b>	any
<b>EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS</b>	none
<b>SPECIAL EXPOSURE HAZARDS IN A FIRE</b>	none
<b>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS</b>	none
<b>OTHER INFORMATION</b>	none

#### SECTION 6

#### ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Follow protective measures provided in sections 5 and 8

**ENVIRONMENTAL PRECAUTIONS  
METHODS FOR CLEAN UP**

Keep away materials and products which are incompatible with product specified in section 10  
Rinse spilled product to dilute areas of direct contact.  
Wear suitable clothing and protective equipment  
Recover or mop up excess material and reuse wherever possible.  
Absorb unusable product with suitable material and dispose of in accordance with Section 13.

**SECTION 7**

**HANDLING AND STORAGE**

**HANDLING** Maintain good housekeeping practices  
Wash hands after use  
Avoid contact with potable water or food

**STORAGE** Keep in a dry place  
Keep away from direct sunlight  
Keep away from heat  
Keep away from incompatible products specified in section 10  
Keep only in the original container at temperature not exceeding 40C (104F)

**SECTION 8**

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** n/a

**VENTILATION:** Local exhaust, mechanical exhaust recommended

**RESPIRATORY PROTECTION:** Dust filter mask recommended

**EYE PROTECTION:** ANSI approved safety glasses with side protection or goggles.

**SKIN PROTECTION:** Wear suitable protective clothing

**HYGIENIC PRACTICES:** Handle in accordance with good hygiene and safety practice.

**SECTION 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

**GENERAL INFORMATION**

**APPEARANCE:** Solid crystals

**ODOR:** none

**IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION**

**pH:** n/a

**BOILING POINT** n/a

**FLASH POINT** n/a

**MELTING POINT** 118C

**FLAMMABILITY (SOLID, GAS)** non flammable

**EXPLOSIVE PROPERTIES** non-explosive

**VAPOR PRESSURE:** n/a

**VAPOR DENSITY:** n/a

**BULK DENSITY** n/a

**EVAPORATION RATE:** n/a

**SOLUBILITY IN WATER:** easily soluble

DECOMPOSITION n/a  
TEMPERATURE  
VISCOSITY: n/a  
SPECIFIC GRAVITY 1.67

## SECTION 10

### STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of use.  
**CONDITIONS TO AVOID:** causes severe irritation of the respiratory tract  
**INCOMPATIBILITY (MATERIAL TO AVOID):** Acid  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** none known  
**HAZARDOUS POLYMERIZATION:** n/a  
**CONDITIONS TO AVOID:** n/a

## SECTION 11

### TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL DATA:

**ACUTE ORAL TOXICITY** n/a  
**ACUTE INHALATION TOXICITY** causes severe irritation of the respiratory tract  
**ACUTE DERMAL IRRITATION/ CORROSION** none known  
**SKIN IRRITATION** causes slight irritation  
**EYE IRRITATION** causes severe irritation of the eyes  
**SENSITIZATION** none  
**CHRONIC TOXICITY** n/a  
**CHRONIC TOXICITY/ CARCINOGENIC DESIGNATION:** Prolonged or repeated skin contact may produce severe irritation or dermatitis.

## SECTION 12

### ECOLOGICAL INFORMATION

**ECOTOXICITY EFFECTS:**  
**ACUTE TOXICITY:** none known  
**MOBILITY:** not applicable  
**PERSISTENCE AND DEGRADABILITY:** none known  
**BIOACCUMULATIVE POTENTIAL:** is not known to accumulate

## SECTION 13

### DISPOSAL CONSIDERATIONS

**WASTE TREATMENT:** Dispose of within current local and state regulations.  
No special method required.  
**PACKAGING TREATMENT:** Consult federal, state, and local regulations regarding the proper disposal of emptied containers.  
**RCRA HAZARD CLASS:** n/a

**SECTION 14****TRANSPORT INFORMATION****U.S. DEPARTMENT OF TRANSPORTATION**

**PROPER SHIPPING NAME:** Chemicals Not Otherwise Indexed (NOI) Not Hazardous  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** n/a  
**LABEL:** none  
**STATEMENT:**

**WATER TRANSPORTATION**

**PROPER SHIPPING NAME:** Chemicals Not Otherwise Indexed (NOI) Not Hazardous  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** n/a  
**LABEL:** none  
**STATEMENT:**

**AIR TRANSPORTATION**

**PROPER SHIPPING NAME:** Chemicals Not Otherwise Indexed (NOI) Not Hazardous  
**HAZARD CLASS:** Not Regulated  
**ID NUMBER:** n/a  
**LABEL:** none  
**STATEMENT:**

**SECTION 15****REGULATORY INFORMATION**

Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

**SECTION 16****OTHER INFORMATION****KEEP OUT OF REACH OF CHILDREN**

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