



## MONOSODIUM GLUTAMATE FCC CRYSTALS

Date Prepared: 01/02/2009

Date Printed: 01/02/2009

### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity Product Name: MONOSODIUM GLUTAMATE FCC CRYSTALS

General or Generic ID: SALTS

Company Emergency Telephone Number: CHEMTREC (800) 424-9300

Regulatory Information Number: 1(914) 834-1881

### COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
MONOSODIUM GLUTAMATE	142 47 2	100.0

### HAZARDS IDENTIFICATION

#### Potential Health Effects

Eye: Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin: May cause skin irritation. Symptoms may include redness, burning, and swelling of skin. This material is unlikely to pass into the body through the skin. Swallowing

Swallowing: this material is not likely to be harmful.

Inhalation: This material is a dust or may produce dust. Symptoms of Exposure Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose, throat, airways). Target Organ Effects If ingested, persons sensitive to monosodium glutamate (MSG) may experience burning, tightness, and numbness in the face and neck, as well as chest pain, dizziness, nausea and vomiting.

Developmental Information No data

Cancer Information No data

Other Health Effects No data

Primary Route(s) of Entry Inhalation, Skin contact, Eye contact.

### FIRST AID MEASURES

Eyes: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing: First aid is not normally required. If symptoms develop, seek medical attention.

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians: Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions).

### FIRE FIGHTING MEASURES

Flash Point Not applicable

Explosive Limit Not applicable



Autoignition Temperature No data

Hazardous Products of Combustion No data

Fire and Explosion Hazards No data

Extinguishing Media regular foam, water fog, carbon dioxide, dry chemical.

Fire Fighting Instructions: Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating: Not determined

## **ACCIDENTAL RELEASE MEASURES**

Small Spill: Sweep up material for disposal or recovery.

Large Spill: Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

## **HANDLING AND STORAGE**

Handling Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

## **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection: Wear resistant gloves (consult your safety equipment supplier)., Wear normal work clothing covering arms and legs.

Respiratory Protections: If overexposure has been determined or documented, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier.) Engineering or administrative controls should be implemented to reduce exposure. Engineering Controls Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Exposure Guidelines Component - MONOSODIUM GLUTAMATE (142-47-2) No exposure limits established

## **PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point Not applicable

Vapor Pressure Not applicable

Specific Vapor Density Not applicable

Specific Gravity No data

Liquid Density Not applicable

Percent Volatiles No data

Evaporation Rate Not applicable

Appearance No data

State SOLID Physical Form CRYSTALS

Color WHITE

Odor No data

pH Not applicable

## **STABILITY AND REACTIVITY**

Hazardous Polymerization: Product will not undergo hazardous polymerization.

Hazardous Decomposition: Material decomposes between 300 and 400 degrees F.



Chemical Stability: Stable.

### **DISPOSAL CONSIDERATION**

Waste Management Information: Dispose of in accordance with all applicable local, state and federal regulations.

### **TRANSPORT INFORMATION**

DOT Information - 49 CFR 172.101 DOT

Description: NON-REGULATED BY D.O.T.

Container/Mode: 55 GAL DRUM/TRUCK PACKAGE

NOS Component: None RQ (Reportable Quantity) - 49 CFR 172.101 Not applicable

### **REGULATORY INFORMATION**

US Federal Regulations TSCA (Toxic Substances Control Act) Status TSCA (UNITED STATES)

The intentional ingredients of this product are listed. CERCLA RQ - 40 CFR 302.4

(a) None listed

SARA 302 Components - 40 CFR 355 Appendix A None Section 311/312 Hazard Class - 40 CFR 370.2

Immediate( )

Delayed( )

Fire( )

Reactive( )

Sudden Release of Pressure( )

SARA 313 Components - 40 CFR 372.65 None

International Regulations Inventory Status Not determined

State and Local Regulations California Proposition 65 None

### **OTHER INFORMATION**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.