

# Safety Data Sheet: MEGA-AGGREGATE

Supersedes Date 08/12/2011

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** MEGA-AGGREGATE

**Recommended use** Filler

**Information on Manufacturer**

Mega Metals,Partsmaster,Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

**Product Code** PMM57560

**Chemical nature** Sand

**Emergency Telephone Number**

CHEMTREC® 800-424-9300

**Telephone inquiry**

800-336-0450

## 2. HAZARD IDENTIFICATION

**Color** White - Tan

**Physical State** Solid

**Odor** Odorless

**GHS**

**Classification**

Physical Hazards

None

Health Hazard

Acute Oral Toxicity

Serious Eye Damage/Eye Irritation

Carcinogenicity

Specific target organ systemic toxicity (repeated exposure)

Category 4

Category 2B

Category 1A

Category 1

Other hazards

None

**Labeling**

Signal Word

**DANGER**



Hazard Statements

H320 - Causes eye irritation

H302 - Harmful if swallowed

H350 - May cause cancer

H370 - Causes damage to eyes, respiratory system and kidneys through prolonged or repeated exposure

Precautionary Statements

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves, protective clothing and eye protection.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product

P260 - Do not breathe dust

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.

P501 - Dispose of contents and container in accordance with applicable regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Crystalline Silica (Quartz)	14808-60-7	60-100

## 4. FIRST AID MEASURES

**General advice**

Avoid contact with skin, eyes and clothing. Avoid breathing dust.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact**

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before

re-use.  
**Inhalation** If inhaled, remove to fresh air. Get medical attention if symptoms occur.  
**Ingestion** Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.  
 Rinse mouth.  
**Notes to physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Flash Point** Does not flash  
**Method** Not applicable  
**Flammability Limits in Air %** Not applicable. **Upper** No data available **Lower** No data available  
**Suitable Extinguishing Media**  
 Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Specific hazards arising from the chemical**  
 The product causes burns of eyes, skin and mucous membranes  
**Protective Equipment and Precautions for Firefighters**  
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.  
**NFPA** **Health** 1 **Flammability** 0 **Instability** 0  
**HMIS** **Health** 1 **Flammability** 0 **Instability** 0

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so.  
**Environmental Precautions** Do not flush into surface water or sanitary sewer system.  
**Methods for Containment** Cover powder spill with plastic sheet or tarp to minimize spreading.  
**Methods for Cleaning Up** Pick up and arrange disposal without creating dust.  
**Neutralizing Agent** Not applicable.

**7. HANDLING AND STORAGE**

**Handling** Avoid contact with skin, eyes and clothing. Avoid breathing dust.  
**Storage** Store in original container. Keep container tightly closed in a dry and well-ventilated place.  
**Storage Temperature** **Minimum** 35 °F / 2 °C **Maximum** 120 °F / 49 °C  
**Storage Conditions** **Indoor** X **Outdoor** **Heated** **Refrigerated**

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Crystalline Silica (Quartz)	: 0.025 mg/m <sup>3</sup> TWA (respirable fraction)	No data available	50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup>

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.  
**Personal Protective Equipment**  
**Eye/Face Protection** Safety glasses with side-shields.  
**Skin Protection** For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.  
**Respiratory Protection** In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
**General Hygiene Considerations** Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State** Solid **Viscosity** Granular  
**Color** White - Tan **Odor** Odorless  
**Odor Threshold** Not applicable **Appearance** Opaque  
**pH** Not applicable **Specific Gravity** 2.65  
**Evaporation Rate** 0 (Butyl acetate=1) **Percent Volatile (Volume)** 0  
**VOC Content (%)** 0 **VOC Content (g/L)** 0  
**Vapor Pressure** 0 mmHg @ 70°F **Vapor Density** Not applicable  
**Solubility** Negligible **n-Octanol/Water Partition** No data available  
**Melting Point/Range** No data available **Decomposition Temperature** No data available  
**Boiling Point/Range** Not applicable **Flammability (solid, gas)** No data available  
**Flash Point** Does not flash **Method** Not applicable

**Autoignition Temperature** No information available.  
**Flammability Limits in Air %** Not applicable. **Upper** No data available **Lower** No data available

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable. Hazardous polymerization does not occur.  
**Conditions to Avoid** None known  
**Incompatible Products** Hydrogen fluoride, Fluorinated hydrocarbons.  
**Hazardous Decomposition Products** None under normal use  
**Possibility of Hazardous Reactions** None under normal processing

## 11. TOXICOLOGICAL INFORMATION

### Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

**Oral LD50** 511.08  
**Dermal LD50** No information available  
**Inhalation LC50**  
**Gas** No information available  
**Mist** No information available  
**Vapor** No information available

**Principle Route of Exposure** Inhalation, Skin contact, Eye contact.  
**Primary Routes of Entry** Inhalation

### Acute Effects

**Eyes** May cause eye irritation.  
**Skin** May cause skin irritation.  
**Inhalation** May cause irritation of respiratory tract.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Chronic Toxicity

Occupational health effects due to inhalation of mineral dusts incorporating crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc) graphite or coal. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Repeated exposure may cause skin dryness or cracking. Dust causes fibrosis. Contains a known or suspected carcinogen.

### Target Organ Effects

Respiratory system, Kidney.

### Aggravated Medical Conditions

Skin disorders, Respiratory disorders, Kidney disorders.

### Component Information

#### Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Crystalline Silica (Quartz)	= 500 mg/kg ( Rat )	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	eyes, respiratory system (in animals: lung cancer), kidneys

### Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Crystalline Silica (Quartz)	A2	Group 1	Known	X	not applicable

## 12. ECOLOGICAL INFORMATION

**Product Information** No information available.

### Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	N/A

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of in accordance with local regulations.

**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

## 14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

## 15. REGULATORY INFORMATION

## Inventories

TSCA	Complies
DSL	Complies
U.S. Federal Regulations	

## SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

## SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

## CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Crystalline Silica (Quartz)	Not applicable	Not applicable

## U.S. State Regulations

## California Proposition 65

This product contains the following Proposition 65 chemicals

Component	CAS-No	California Prop. 65
Titanium dioxide	13463-67-7	carcinogen
Crystalline Silica (Quartz)	14808-60-7	carcinogen
Lead	7439-92-1	carcinogen developmental toxicity male reproductive toxicity female reproductive toxicity
Cadmium	7440-43-9	carcinogen developmental toxicity male reproductive toxicity
Cobalt	7440-48-4	carcinogen
Arsenic	7440-38-2	carcinogen

## 16. OTHER INFORMATION

Prepared By	Christopher Drogin
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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