SA09572 IRON FILINGS 40-60 MESH 2KG + 500 C SDS No.: IX0210 998 7 SAFETY DATA SHEET SA09572 SA07830

GENERAL STORAGE CODE GREEN

Section 1

Chemical Product and Company Information

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CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory use only. Not for drug, food or household use.

Product

IRON METAL, DEGREASED

Synonyms

Iron Aggregate / Iron Filings / Iron / Iron Metal

Section 2

Hazards Identification

This substance or mixture has not been classified as hazardous according to the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals.

Signal word: None assigned Pictograms: None assigned Target organs: None known

GHS Classification: None assigned

GHS Label Information: Hazard statement:

None assigned

Precautionary statement:

None assigned

Supplemental information:

Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell.

Ca Prop 65 - This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 3 Composition / I	Information on Ingredients			
Chemical Name	CAS #	%	EINECS	
Iron aggregate	65997-19-5	100%	266-048-1	
Contains:				
Iron	1309-37-1	>90%		
Carbon	7440-44-0	<4.0%		
Silicon	7440-21-3	<3.0%		
Manganese	7439-96-5	<0.3-1.0%		
Chromium	7440-47-3	<0.0-0.2%		

Section 4

First Aid Measures

INGESTION: Call physician or Poison Control Center immediately, induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If imitation occurs, get medical attention.

Section 5

Fire Fighting Measures

Sultable Extinguishing Media: Carbon dioxide, dry chemical, dry sand, alcohol foam. Use any media suitable for extinguishing supporting fire

Protective Actions for Firs-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. A fire hazard in the form of a fine dust dispersed in air or by chemical reaction with strong oxidizers can be an explosion hazard, especially when heated.

Section

Accidental Release Measures

Personal Precautions: Evacuate personnel to sale area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventiliation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Remove all sources of ignition. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with Soap and water

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Handling & Storage

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Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid Ingestion. Wash thoroughly after handling. Remove and wash clothing before

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from ignition sources

Section 8

Essessive Controls / Personal Protection

Chemical Name Particulates not otherwise specified

ACGIH (TLV) TWA: 15 mg/m3 Total dust

Evaporation rate (=1): Data not available

Flammability (solid/gas): Data not available.

Vapor pressure (mm Hg): Data not available

Relative density (Specific gravity): 6.7 gm/cc

Vapor density (Air = 1): Data not available

Solubility(les): Insoluble in water

Explosion limits: Lower / Upper: Data not available

OSHA (PEL) None established

Partition coefficient: Data not available

Viscosity: Data not available

Molecular formula: Mixture

Molecular weight: Mixture

Auto-ignition temperature: Data not available

Decomposition temperature: Data not available.

NIOSH (REL) None established

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in turne hood or wear a NIOSH/MSHAapproved respirator.

Physical & Chemical Properties

Appearance: Solid. Grey particles, (40-60 mesh)

Odor: No odor. Odor threshold: Data not available

pH: Data not available.

Exposure Limits:

Melting / Freezing point: 1508.49°C (2750°F)

Bolling point: Data not available Flash point: Data not available

Stability & Reactivity

Chemical stability: Stable

Hazardous polymerization: Will not occur.

Conditions to avoid: Excessive temperatures, heat, sparks, open flame and other sources of ignition, Acids.

Incompatible materials: Strong oxidizers, organic acids, mineral acids, water.

Hazardous decomposition products: None known

Section 11

Section 10

Toxicological Information

Acute toxicity: Data not available

Skin corresion/irritation: Data not available Serious eye damage/Irritation; Data not available Respiratory or skin sensitization: Data not available

Germ cell mutagenicity: Data not available

Carcinogenity: Data not available

NTP; No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Data not available STOT-single exposure: Data not available STOT-repeated exposure: Data not available Aspiration hazard: Data not available

Potential health effects:

Inhalation: Inhalation may cause respiratory tract irritation.

Ingestion: No hazard known.

Skin: Contact with skin causes irritation.

Eyes: Contact may cause mechanical irritation and possible scratches to surface of the eye.

Signs and symptoms of exposure; See Potential health effects above.

Additional information: RTECS #: Date not available

Ecological Information

Toxicity to fish: No data available

Toxicity to daphnia and other equatic invertebrates: No data available

Toxicity to algae: No data available

Persistence and degradability: No data available Mobility in soil: No data available

Bloaccumulative potential: No data available PBT and vPvB assessment: No data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Transport Information

UN/NA number: Not applicable

Hazard class: Not applicable Exceptions: Not applicable

Shipping name: Not Regulated

Packing group: Not applicable 2012 ERG Guide # Not applicable Reportable Quantity: No

Marine pollutant: No

A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list

Component TSCA CERLCA (RQ) RCRA code

DSL NDS! WHATS Classification

Supercedes: October 1, 2013

Iron aggregate

Listed

Not listed

Not listed

Listed

Not listed

Not listed

Section 16

Additional Information

The information contained herein is furnished without warrenty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent dent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program IARC, International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT. Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure.

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