



Safety Data Sheet

Section 1: Identification of the Product/Company

Product Identifier:

Product Name: SUPER STONE INTEGRAL DRY BLENDS

Product Code:

Relevant identified uses of the substance or mixture

Recommended use:

Coloring agent for Concrete

Uses advised against:

No additional information available

Details of the supplier of the safety data sheet

Manufacturer:

Super Stone Inc.
1251 Burlington Street
Opa-Locka, FL 33054
United States
www.superstone.com
(305) 681-3561

Telephone (General)

Emergency telephone number

Manufacturer: (800) 424-9300 (Chemtrec) USA
+ 1 (703) 527-3887 (Chemtrec) International

Section 2: Hazards Identification

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

The product contains no substances which at their given concentration, are considered to be hazardous to health

Emergency Overview

Appearance Powder **Physical state** Powder **Odor** Odorless



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Precautionary statements

Get medical advice/attention if you feel unwell

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IF ON SKIN: Wash with plenty of soap and water

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

Store in accordance with local regulations

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Hazards not otherwise classified (HNOC)

Other Information

Section 3: Composition/information on ingredients

Chemical Name	CAS No.	Weight-%	Trade Secret
Red Iron Oxide	1309-37-1	0-90	*
Black Iron Oxide	1317-61-9	0-90	*
Black Iron Oxide	1317-61-9	0-90	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First aid measures

Description of necessary first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. (Get medical attention immediately if irritation persists.)



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Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

Ingestion Clean mouth with water. Remove from exposure, lie down. Do not induce vomiting without medical advice. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

Caution: Use of water spray when fighting fire may be inefficient.

Special hazards arising from the substance or mixture

No information available

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

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.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Avoid creating dust. Evacuate personnel to safe areas

Environmental precautions

See Section 12 for additional ecological information

Methods and material for containment and cleaning up

For containment:



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Vacuum or sweep up material and place in a designated labeled waste container. Prevent further leakage or spillage if safe to do so. Prevent dust cloud.

Methods for cleaning up:

With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Take up with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage

Precautions for safe handling

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials:

Strong oxidizing agents. Strong acids.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Red Iron Oxide 1309-37-1	TWA: 5 mg/m ³ respirable particulate matter	TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m ³ respirable fraction regulated under Rouge	IDLH: 2500 mg/m ³ Fe dust and fume TWA: 5 mg/m ³ Fe dust and fume



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NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers

Eyewash stations

Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing. Protective shoes or boots.

Respiratory protection In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Powder
Appearance:	Powder
Color:	Light Amber to Dark Brown
Odor:	Odorless
Odor threshold:	Not applicable
pH:	3.0-8.0
Boiling Range: (Initial Boiling Point)	No information available
Melting point/freezing point	>1000°C (1832°F)
Auto-ignition temperature:	No information available
Decomposition temperature:	No information available
Flammability (solid, gas):	No information available
Vapor pressure:	No information available
Flash Point:	No information available
Vapor density:	No information available
Water Solubility:	Insoluble
Viscosity, kinematic:	No information available
Explosive properties:	No information available



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Oxidizing properties:	No information available
Evaporation rate:	No information available
Flammability Limit in Air:	No information available
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Solubility in other solvents:	No information available
Specific gravity:	4.0-5.0
Partition coefficient:	No information available
Other information:	
Softening point:	No information available
Molecular weight:	No information available
VOC content (%):	No information available
Density:	No information available
Bulk density:	No information available

Section 10: Stability and reactivity

Reactivity

No data available

Chemical Stability

Stable under normal storage conditions

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidizing agents. Strong acids

Hazardous Decomposition Products

None known based on information supplied.

Section 11: Toxicological information

Information on likely routes of exposure

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Dried product might be harmful if inhaled.



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Inhalation May cause irritation of respiratory tract.

Eye contact May cause mechanical irritation (abrasion).

Skin Contact May cause mechanical irritation (abrasion).

Ingestion No known effect based on information supplied.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Red Iron Oxide 1309-37-1	> 10000 mg/kg (Rat)		
Black Iron Oxide 1317-61-9	> 10000 mg/kg (Rat)		

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Red Iron Oxide 1309-37-1	-	Group 3	-	-

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target Organ Effects Eyes, Respiratory system, Skin.

Aspiration hazard No information available

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 10326 mg/kg

Section 12: Ecological information

Ecotoxicity



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Persistence and degradability

No information available.

Bio-accumulative potential

No information available.

Other adverse effects

No known significant effects or critical hazards.

Section 13: Disposal considerations

Waste treatment methods

Disposal of wastes

This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261). Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging:

Do not reuse container.

Section 14: Transport information

In accordance with ICAO/IATA/DOT/TGD

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO (air) Not regulated

IATA Not regulated

IMDG Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

Section 15: Regulatory information

International Inventories

TSCA Complies

DSL/NDSL Complies

EINECS/ELINCS Complies

ENCS Does not comply

IECSC Complies

KECL Complies

PICCS Complies



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AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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 Section 311/312 (40 CFR 370) Hazard Categories:

Acute health hazard No

Chronic Health Hazard No

Fire hazard No

Sudden release of pressure hazard No

Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65



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This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Red Iron Oxide 1309-37-1	X	X	X

Section 16: Other information

NFPA **Reactivity 0** **Physical and Chemical properties HMIS**
Health hazards 1 **Flammability 0** **Physical hazards 0** **Personal protection X**

Notice to Reader

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. **Super Stone Inc. makes no warranty, expressed or implied, concerning the product or merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by Super Stone Inc., except that the product shall conform to Super Stone's specification.**