

Safety Data Sheet Chromite Sand

SECTION 1: Identification

1.1 Product identifier

Product name Chromite Sand

1.2 Other means of identification

Chromite Concentrate, Chromite ore, Chromite (Cr₂FeO₄); Iron chromium oxide.

1.3 Recommended use of the chemical and restrictions on use

Used as foundry sand and to make molds and cores. Used as refractory material. Used for the production of Ferro Chromium.

1.4 Supplier's details

Name Adriatik Resources Limited
Address 184 Sunset Ave #33
Palm Beach, FL 33418
USA

Telephone +1.877.717.1765
email info@adrix.com

1.5 Emergency phone number(s)

+1.917.538.6419

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances

Components

Component	Concentration
Chromite ore (CAS no.: 1308-31-2)	100 % (weight)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Get medical advice/ attention if you feel unwell.
If inhaled	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
In case of skin contact	Wash with water. Call a poison center or doctor if irritation develops or persists.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Product is not flammable. Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

No data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. For personal protection see section 8. Be aware of slipping hazard.

6.2 Environmental precautions

Do not allow product to enter drains or waterways.

6.3 Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment as required per State, Local, and Government OSHA/NIOSH PPE Standards for the material listed in this SDS. Avoid contact with skin and eyes. Avoid formation of dust. Provide appropriate exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry and well ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

US OSHA Permissible Exposure Limits, Annotated Table Z-1, www.osha.gov:

	OSHA PEL	Cal/OSHA PEL 8-hour TWA	NIOSH REL Up to 10-hour TWA	ACGIH® TLV® 8-hour TWA
Chromium (III) compounds (CAS no.: 7440-47-3)	0.5 mg/m ³	0.5 mg/m ³	0.5 mg/m ³	0.003 mg/m ³ -(inhalable), water soluble

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear protective gloves. Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Use respirators tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU) when ventilation or other controls are inadequate to control exposures below applicable exposure limits.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Black solid
Odor	Odorless
Odor threshold	No data available.
pH	Not applicable
Melting point/freezing point	>1000°C (melting point)
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	The product is not flammable.
Upper/lower flammability limits	Not applicable
Upper/lower explosive limits	No data available.
Vapor pressure	Not applicable
Vapor density	Not applicable.
Density	4.5 g/cm ³ at 20 °C
Bulk density	2700-4000 kg/m ³ at 20 °C
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	Not applicable
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Chemical stability

Stable under normal storage conditions.

10.2 Possibility of hazardous reactions

No data available.

10.3 Conditions to avoid

No data available.

10.4 Incompatible materials

Alkaline materials at high temperature

10.5 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

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

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

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.

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

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available

Aspiration hazard

No data available

Additional information

No data available

SECTION 12: Ecological information

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

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

Massachusetts Right To Know Components

Chromite ore (CAS no.: 1308-31-2)

New Jersey Right To Know Components

Chromite ore (CAS no.: 1308-31-2)

Pennsylvania Right To Know Components

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No components are subject to the Pennsylvania Right to Know Act.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards

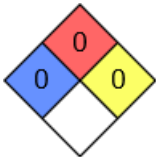
SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:
Chromium compounds

HMIS Rating

Chromite Sand	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

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