

**Safety Data Sheet**

**SIENNA OXIDE**

Safety Data Sheet dated: 10/22/2015 - version 1

Date of first edition: 10/22/2015

**1. IDENTIFICATION**

**Product identifier**

Mixture identification:

Trade name: SIENNA OXIDE

**Other means of identification:**

Trade code: 26730

**Recommended use of the chemical and restrictions on use**

Recommended use: Cosmetic Ingredient

Restrictions on use: Not available

**2. HAZARD(S) IDENTIFICATION**

This mixture has not been tested as a whole. It contains ingredients which could be released from the mixture in concentrations which would exceed an established OSHA permissible exposure limit or ACGIH Threshold Limit Value, or could present a health risk to employees.



**Classification of the chemical**

- Skin Irrit. 2 Causes skin irritation.
- Eye Irrit. 2A Causes serious eye irritation.
- Carc. 1B May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- STOT SE 3 May cause respiratory irritation.
- Comb. Dust May form combustible dust concentrations in air.

**Label elements**

**Symbols:**



Danger

<b>Code</b>	<b>Description</b>
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H350	May cause cancer .
USH003	May form combustible dust concentrations in air.

<b>Code</b>	<b>Description</b>
P201	Obtain special instructions before use.

P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash contact areas thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P321	Specific measures (see supplemental first aid instructions on this label or in the SDS).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with all applicable regulations.

**Ingredient(s) with unknown acute toxicity:**

None

**Hazards not otherwise classified identified during the classification process:**

None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substances**

Not Available

**Mixtures**

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

**List of components**

Qty	Name	Ident. Numb.	Classification	Registration Number
60-70 %	TALC	CAS:14807-96-6 EC:238-877-9	STOT SE 3, H335; Skin Irrit. 2, H315	
1-3 %	BLACK IRON OXIDE	CAS:1317-61-9 EC:215-277-5	Self-heat. 2, H252; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	01-2119457646-28-0000
0.5-1 %	CRYSTALLINE SILICA	CAS:14808-60-7 EC:238-878-4	Carc. 1B, H350; STOT RE 1, H372	

**4. FIRST AID MEASURES**

**Description of first aid measures**

In case of skin contact:

- Immediately take off all contaminated clothing and shoes.
- Immediately remove any contaminated clothing, shoes or stockings.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eye contact:

- Wash immediately and thoroughly with running water, keeping eyelids regularly raised, for at least 15 minutes. Cold water may be used. Check for and remove any contact lenses at once. OBTAIN A MEDICAL EXAMINATION.
- Protect the eyes with a sterile gauze or a clean, dry handkerchief.

In case of ingestion:

- Do not induce vomiting, get medical attention showing the MSDS and label hazardous.

In case of inhalation:

- In case of inhalation, consult a doctor immediately and show him the safety data sheet, packing or label.

**Most important symptoms/effects, acute and delayed**

- Eye irritation
- Eye damages
- Skin Irritation
- Erythema

**Indication of any immediate medical attention and special treatment needed**

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

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media:

Water, CO<sub>2</sub>, foam, chemical powders, according to the materials involved in the fire.

In case of fire, use foam, dry chemical, CO<sub>2</sub>.

### Unsuitable extinguishing media:

None in particular.

### Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not Available

Explosive properties: Not Available

Oxidising properties: Not Available

### Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

### Methods and material for containment and cleaning up

Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth).

Wash with plenty of water.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Exercise the greatest care when handling or opening the container.

Do not use on extensive surface areas in premises where there are occupants.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### Conditions for safe storage, including any incompatibilities

Storage temperature: Not Available

Always keep in a well ventilated place.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Community Occupational Exposure Limits (OEL)

Component	OEL Type	Country	Long Term mg/m <sup>3</sup>	Long Term ppm	Short Term mg/m <sup>3</sup>	Short Term ppm	Notes
TALC	ACGIH		2				A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers);pulmonary fibrosis (containing no asbestos fibers);pulmonary function (containing no asbestos fibers);
BLACK IRON OXIDE	ACGIH		5.000				
CRYSTALLINE SILICA	ACGIH		0.025				A2 - Suspected Human Carcinogen;lung cancer;pulmonary

Appropriate engineering controls: Not Available

### Individual protection measures

Eye/face protection:

Use close fitting safety goggles, don't use eye lens.

Skin protection:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or synthetic rubber.

Hand protection:

Use protective gloves that provide comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical State Solid

Appearance: Powder, Red to brown

Odour: Characteristic

Odour threshold: Not Available

pH: Not Available

Melting point/ range: Not Available

Boiling point/ range: Not Available

Flash point: Not Applicable

Evaporation rate: Not Available

Upper/lower flammability or explosive limits: Not Available

Vapour density: Not Available

Vapour pressure (20°C): Not Available

Density (20°C): Not Available

Water solubility: Insoluble

Lipid solubility: Not Available

Partition coefficient (n-octanol/water): Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: Not Available

Viscosity (20°C): Not Available

Explosive properties: Not Available

Oxidising properties: Not Available

Flammability (Solid, Gas): Not Available

### Other information

Substance group relevant properties: Not Available

Miscibility: Not Available

Fat Solubility: Not Available

Conductivity: Not Available

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal conditions.

### Chemical stability

Data not Available.

### Possibility of hazardous reactions

Burning produces carbon monoxide and/or carbon dioxide.

### Conditions to avoid

Stable under normal conditions of temperature and pressure.

### Incompatible materials

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

### Hazardous decomposition products

Burning produces carbon monoxide and/or carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Toxicological Information of the Preparation

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

#### Toxicological information on main components of the mixture:

BLACK IRON OXIDE	b) skin corrosion/irritation	Skin Irritant Slightly irritant
	c) serious eye damage/irritation	Eye Irritant Slightly irritant
	a) acute toxicity	LD50 Oral Rat > 10000mg/kg
CRYSTALLINE SILICA	a) acute toxicity	LD50 Oral Rat = 500mg/kg

#### TOXICITY\_APPENDIX\_DESCR\_GEN

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

#### Substance(s) listed on the IARC Monographs:

TALC	Group 3
CRYSTALLINE SILICA	Group 1

#### Substance(s) listed as OSHA Carcinogen(s):

TALC  
CRYSTALLINE SILICA

#### Substance(s) listed as NIOSH Carcinogen(s):

CRYSTALLINE SILICA

#### Substance(s) listed on the NTP report on Carcinogens:

CRYSTALLINE SILICA

## 12. ECOLOGICAL INFORMATION

### Toxicity

Adopt good working practices, so that the product is not released into the environment.

### Persistence and degradability

Not Available

### Bioaccumulative potential

Not Available

### Mobility in soil

Not Available

### Other adverse effects

Not Available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

## 14. TRANSPORT INFORMATION

### UN number

ADR-UN number: N/A  
DOT-UN Number: N/A  
IATA-Un number: N/A  
IMDG-Un number: N/A

### UN proper shipping name

ADR-Shipping Name: N/A  
DOT Proper Shipping Name: N/A  
IATA-Technical name: N/A  
IMDG-Technical name: N/A

**Transport hazard class(es)**

ADR-Class: N/A  
DOT Hazard Class: N/A  
IATA-Class: N/A  
IMDG-Class: N/A

**Packing group**

ADR-Packing Group: N/A  
Exempted for ADR: N/A  
IATA-Packing group: N/A  
IMDG-Packing group: N/A

**Environmental hazards**

Marine pollutant: No  
Environmental Pollutant: Not Available

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not Available

**Special precautions**

Department of Transportation (DOT/TDG):

DOT-Special Provision(s): N/A  
DOT Label(s): N/A  
DOT Symbol: N/A  
DOT Cargo Aircraft: N/A  
DOT Passenger Aircraft: N/A  
DOT Bulk: N/A  
DOT Non-Bulk: N/A

Road and Rail (ADR-RID):

ADR-Label: N/A  
ADR-Upper number: N/A  
ADR Tunnel Restriction Code: N/A

Air (IATA):

IATA-Passenger Aircraft: N/A  
IATA-Cargo Aircraft: N/A  
IATA-Label: N/A  
IATA-Sub Risk: N/A  
IATA-Erg: N/A  
IATA-Special Provisioning: N/A

Sea (IMDG):

IMDG-Stowage Code: N/A  
IMDG-Stowage Note: N/A  
IMDG-Sub Risk: N/A  
IMDG-Special Provisioning: N/A  
IMDG-Page: N/A  
IMDG-Label: N/A  
IMDG-EMS: N/A  
IMDG-MFAG: N/A

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**15. REGULATORY INFORMATION**

**USA - Federal regulations**

**TSCA - Toxic Substances Control Act**

**TSCA inventory:**

All the components are listed on the TSCA inventory

**TSCA listed substances:**

TALC	is listed in TSCA	Section 8b
BLACK IRON OXIDE	is listed in TSCA	Section 8b
CRYSTALLINE SILICA	is listed in TSCA	Section 8b

**SARA - Superfund Amendments and Reauthorization Act**

**Section 302 - Extremely Hazardous Substances:**

no substances listed

**Section 304 - Hazardous substances:**

no substances listed

**Section 313 - Toxic chemical list:**

no substances listed

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**

**Substance(s) listed under CERCLA:**

no substances listed

**CAA - Clean Air Act**

**CAA listed substances:**

no substances listed

**CWA - Clean Water Act**

**CWA listed substances:**

no substances listed

**USA - State specific regulations**

**California Proposition 65**

**Substance(s) listed under California Proposition 65:**

TALC	Listed as carcinogen and reproductive toxicant
CRYSTALLINE SILICA	Listed as carcinogen

**Massachusetts Right to know**

**Substance(s) listed under Massachusetts Right to know:**

TALC
CRYSTALLINE SILICA

**Pennsylvania Right to know**

**Substance(s) listed under Pennsylvania Right to know:**

TALC
CRYSTALLINE SILICA

**New Jersey Right to know**

**Substance(s) listed under New Jersey Right to know:**

TALC
CRYSTALLINE SILICA

S3. This product contains a chemical that is on the Proposition 65 list of chemicals known to the State of California to cause cancer (crystalline silica). However, the listing of crystalline silica applies only to airborne particles of respirable size (mass median aerodynamic diameter 10 microns or smaller). Based on particle size analysis, the crystalline silica present in this product, as shipped, is not of a respirable size. The customer is responsible for determining whether its use of this product in its application is subject to Proposition 65.

**CANADA:**

**DSL-list (Canada)**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

**16. OTHER INFORMATION**

<b>Code</b>	<b>Description</b>
H252	Self-heating in large quantities; may catch fire.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H350	May cause cancer .
H372	Causes damage to organs through prolonged or repeated exposure .
USH003	May form combustible dust concentrations in air.

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The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

**Legend to abbreviations and acronyms used in the safety data sheet:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

CLP: Classification, Labeling, Packaging

EINECS: European Inventory of Existing Commercial Chemical Substances

INCI: International Nomenclature of Cosmetic Ingredients

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GefStoffVO: Ordinance on Hazardous Substances, Germany

LC50: Lethal concentration, for 50 percent of test population

LD50: Lethal dose, for 50 percent of test population

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

TLV: Threshold Limiting Value

TWATLV: Threshold Limiting Value for the Time Weighted Average 8 hour day.(ACGIH Standard)

STEL: Short Term Exposure limit

STOT: Specific Target Organ Toxicity

WGK: German Water Hazard Class

KSt: Explosion coefficient