



Safety Data Sheet

Brick Red Oxide

November 19, 2018

Section 1: Chemical Product and Company Identification

Product name: Brick Red Oxide
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Emergency Phone Number:
Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards 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

0 - The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Combust - May form combustible dust concentrations in air.

Label Elements

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Pictograms and Signal Words

Warning

Hazard statements

US003 May form combustible dust concentrations in air.

Ingredient(s) with unknown acute toxicity: None

Hazards not otherwise classified identified during the classification process: None

Section 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
1 – 3 %	n-Octyltriethoxysilane	CAS: 2943-75-1 EC: 220-941-2	Skin Irrit. 2, H315	

Section 4: First Aid Measures

Description of first aid measures

In case of skin contact: Wash with plenty of water and disinfectant/non-abrasive soap.

In case of eye contact: Wash immediately with water.

In case of ingestion: Do not induce vomiting, get medical attention showing the MSDS and label hazardous.

In case of inhalation: Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Not Available

Indication of any immediate medical attention and special treatment needed

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Water, CO₂, foam, chemical powders, according to the materials involved in the fire. In case of fire, use foam, dry chemical, CO₂.

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.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

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.

Section 7: Handling and Storage

Precautions for safe handling

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

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Storage temperature: <25°C

Incompatible materials: None in particular.

Instructions as regards storage premises: Adequately ventilated premises.

Section 8: Exposure Controls/Personal Protection

Control Parameters: No data available

Appropriate engineering controls: Not Available

Individual protection measures

Eye/face protection: Not needed for normal use. Anyway, operate according good working practices.

Skin protection: No special precaution must be adopted for normal use.

Hand protection: Not needed for normal use.

Respiratory protection:

Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State: Solid

Appearance: Powder, Red

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

Section 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.

Section 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:

n-Octyltriethoxysilane

b) skin corrosion/irritation - Skin Irritant Human No Irritant effect

c) serious eye damage/irritation - Eye Irritant Slightly irritant

a) **acute toxicity** LD50 Rat = 10060.00000 µL/kg; LD50 Oral Rat = 10060 µL/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- 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: None

Substance(s) listed as OSHA Carcinogen(s): None

Substance(s) listed as NIOSH Carcinogen(s): None

Substance(s) listed on the NTP report on Carcinogens: None

Section 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

Section 13: Disposal Conditions

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. In so doing, comply with the local and national regulations currently in force.

Section 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-Transport category (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

Section 15: Regulatory Information

USA - Federal regulations

TSCA - Toxic Substances Control Act

SARA - Superfund Amendments and Reauthorization Act

TSCA inventory: All component(s) are excluded from TSCA as food additives, drugs or cosmetics when used for those purposes.

TSCA listed substances: n-Octyltriethoxysilane is listed in TSCA Section 8b

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

Substance(s) listed under Massachusetts Right to know: no substances listed

Substance(s) listed under Pennsylvania Right to know: no substances listed

Substance(s) listed under New Jersey Right to know: no substances listed

Substance(s) listed under California Proposition 65: No substances listed

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.

Section 16: Other Information

Code	Description
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H315	Causes skin irritation.
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USH003	May form combustible dust concentrations in air.
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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



BRAMBLE BERRY

HANDCRAFT PROVISIONS

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
N/A: Not Applicable

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