



CHEMTREC – 24hr Emergency Telephone
1-800-424-9300

SECTION 1 – PRODUCT / COMPANY IDENTIFICATION

PRODUCT CODE & DESCRIPTION: 32820, IRON OXIDE BROWN BC

UTILIZATION: Cosmetic Ingredient

DISTRIBUTED BY: Saffire Blue Inc.
1444 Bell Mill Road
Tillsonburg, ON N4G4G9 Canada
Tel: 519-286-0295 | Toll Free: 877-248-1115

SECTION II – COMPOSITION / INFORMATION ON THE INGREDIENTS

Description	CAS No.	EINECS No.	%
Red Iron Oxide	1309-37-1	215-168-2	> 25
Yellow Iron Oxide	51274-00-1	257-098-5	> 25
Black Iron Oxide	12227-89-3	235-442-5	15 – 25

SECTION III - HAZARD IDENTIFICATION

Health	0
Fire	0
Reactivity	0

- Dust may be irritating to skin. No adverse effects expected.
- Dust may be irritating to eyes, will not lead to permanent damage to eye tissue.
- Dust may be hazardous if inhaled. See section 8.
- Health injuries; Hazardous in case of ingestion.

SECTION IV – FIRST AID MEASURES

Eyes : Flush eyes thoroughly with water for 15-min. If discomfort persists, obtain medical assistance.

Skin : Wash affected area with soap and water.

Ingestion : Non-hazardous. If a large amount is ingested or discomfort persists, obtain medical assistance.

Inhalation : Remove to fresh air. If discomfort persists, obtain medical assistance.

SECTION V - FIRE FIGHTING MEASURES

Flash Point : N/A

Flammable Limits : N/A

Extinguishing Media : Water Fog: Alcohol Foam: CO2: Dry Chemical:

Unusual Fire & Explosion Hazards : None known to manufacturer.

Fire Fighting Equipment : No special equipment required.

SECTION VI - ACCIDENTAL RELEASE MEASURES:

Personal Protection : Wear protective clothing.

Action to take for Spills/Leaks : Sweep up and collect in appropriate containers ready for disposal.

Environmental Protection : Do not allow product to reach sewage system or any water course.
: Inform authorities in case of seepage into water course or sewage system.

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SECTION VII - HANDLING and STORAGE

- Information for Safe Handling : Store in cool, dry place in tightly closed receptacles.
: Ensure good ventilation in the work place.
: Open and handle receptacles with care.
: Avoid generating dust.
: Wear suitable respiratory protective device when decanting large quantities.
: Wash thoroughly after handling.
- Fire and Explosion Protection : Avoid electrostatic discharges.
- Storage : 10 years if above recommendations are followed.
: Store only in unopened original receptacles.
: Store in a well ventilated area.
: Protect from water and excessive humidity.

SECTION VIII - EXPOSURE CONTROL and PERSONAL PROTECTION

- Ventilation : Product can generate dust. Ventilation/dust collection helpful, but not necessary.
- Respiratory Protection : Respiratory protection not required, but dust masks are suggested.
- Skin Protection : Normal protective clothing and gloves recommended, not required.
- Eye Protection : Wear safety glasses or goggles for compliance with GMP.

SECTION IX - PHYSICAL and CHEMICAL PROPERTIES

- | | | | |
|---------------------|-------|----------------------|------------------------|
| Boiling Point | : N/A | Specific Gravity | : N/A |
| Vapor Pressure | : N/A | % Volatile by Volume | : N/A |
| Vapor Density | : N/A | Appearance | : Brown colored powder |
| Solubility in Water | : No | Odor | : Characteristic |

SECTION X - STABILITY and REACTIVITY DATA

- Stability (Conditions to Avoid) : Under normal storage and handling conditions, this is a stable material when kept in a closed container.
- Incompatibility (Materials to Avoid) : Strong oxidizing and reducing agents.
- Hazardous Decomposition Products : None known to manufacturer.
- Hazardous Polymerization : Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

- Eye Contact : May cause temporary discomfort. Non-hazardous
- Skin Contact : Non-hazardous.
- Ingestion : Non-hazardous. Obtain medical assistance if symptoms persist.
- Inhalation : Nuisance dust. May cause physical discomfort to the respiratory tract.
- Overexposure : May cause sensitization by inhalation.
Obtain medical assistance.

SECTION XII - ECOLOGICAL INFORMATION

Insoluble in Water. May be removed by filtration or sedimentation.

At present, there are no ecotoxicological assessments.

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SECTION XIII - DISPOSAL CONSIDERATION

- Recommendation : Not regulated. Material is non-hazardous.
: Do not dispose of with domestic garbage.
: Do not allow product to reach sewage system.
: Dispose of in accordance with Federal, State and local regulations.
- Packaging : Packaging may be reused or recycled after cleaning.

SECTION XIV - TRANSPORTATION INFORMATION

- Land Transport (DOT; ADR/RID (cross border)) - Not Hazardous
- Maritime Transport (IMDG) - Not Hazardous
- Air Transport (ICAO/IATA) - Not Hazardous

SECTION XV - REGULATORY INFORMATION

International Inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Red Iron Oxide	X	X		X		X	X	X	X	X
Yellow Iron Oxide	X	X		X		X	X	X	X	X
Black Iron Oxide	X	X		X		X	X	X	X	X

- Labeling per EU guidelines : Not subject to identification regulations under EU Directives and the Ordinance On Hazardous Materials (German GefStoffV)
- EU Safety Phrases : S-29 (do not empty into drains)

SECTION XVI - ADDITIONAL INFORMATION

The information herein is given in good faith, but no warranty, expressed or implied, is made.