



## Safety Data Sheet

### BURGUNDY IRON OXIDE

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#### 1. IDENTIFICATION

##### Product identifier

Mixture identification:

Trade name: Burgundy Iron Oxide

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

Recommended use: Cosmetic Ingredient

Restrictions on use: Not available

##### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

**VOYAGEUR SOAP & CANDLE COMPANY LTD.**

Unit 14 - 19257 Enterprise Way

Surrey BC V3S 6J8

Tel: 1 (800) 758-7773

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#### 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.  
Simple Asph. May displace oxygen and cause rapid suffocation.

##### Label elements

###### Symbols:

Warning

##### Hazard statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
USH002 May displace oxygen and cause rapid suffocation.

##### Precautionary statements

P264 Wash contact areas thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P30S+P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific measures (see supplemental first aid instructions on this label or in the SOS).  
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.

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

None

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

Dust may be irritating to eyes.; Dust may be irritating to skin.; Dust may be irritating to lungs and cause sneezing.

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### 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
10-12.5 %	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	

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### 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:

- Remove casualty to fresh air and keep warm and at rest.

**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).

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### 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.

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### 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.

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## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

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

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

#### **Community Occupational Exposure Limits (OEL)**

<b>Component</b>	<b>OEL Type</b>	<b>Country</b>	<b>Long Term mg/m<sup>3</sup></b>	<b>Long Term ppm</b>	<b>Short Term mg/m<sup>3</sup></b>	<b>Short Term ppm</b>	<b>Notes</b>
BLACK IRON OXIDE	ACGIH		5.000				

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:

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.

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## **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: Insoluble

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

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## 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.

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## 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	f) carcinogenicity	Carcinogenecity Rat Negative	
		Genotoxicity Negative	OCDE 473 OCDE 471 - In vitro mammalian chromosome aberration test: OCDE 473 (hamster) - Reverse mutationa assay (Ames test): OCDE 471 (Salmonella typhimurium)
	g) reproductive toxicity	Reproductive Toxicity Negative	
	d) respiratory or skin sensitisation	Inhalation Sensitization Rat 5000.00000mg/kg	
	b) skin corrosion/irritation	Skin Irritant Rabbit No Irritant effect 24h	OCDE 404
	c) serious eye damage/irritation	Eye Irritant Rabbit No Irritant effect	OCDE 405
	a) acute toxicity	LD50 Oral Rat > 5000.00000mg/kg	Standard acute method
		No Observed Adverse Effect Level Inhalation Rat = 4.70000mg/m3	OECD 413

**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

**(sub-acute to chronic)**

Component	CMR Properties	Effect dose	Value	Exposure time	Species	Method	Evaluation	Remark
BLACK IRON OXIDE	Chronic inhalative							Potential chronic respiratory irritation

**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

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## 12. ECOLOGICAL INFORMATION

### Toxicity

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

### Persistence and degradability

Component	Persistence/Degradability:
BLACK IRON OXIDE	Not Biodegradable

### Bioaccumulative potential

Component	Bioaccumulation
BLACK IRON OXIDE	Not bioaccumulative

### Mobility in soil

Component	Mobility in soil
BLACK IRON OXIDE	Not mobile

### Other adverse effects

Not Available

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

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## 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 component(s) are listed on the TSCA inventory.

##### **TSCA listed substances:**

BLACK IRON OXIDE 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:**

no substances listed

**Massachusetts Right to know**

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

no substances listed

**Pennsylvania Right to know**

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

no substances listed

**New Jersey Right to know**

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

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.

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**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.
USH002	May displace oxygen and cause rapid suffocation.

Safety Data Sheet dated: 8/30/2021 - version 1

The information provided in this Safety Data Sheet is based on current available data and knowledge and is believed to be accurate and given in good faith. Voyageur Soap & Candle Company Ltd. and its subsidiaries however assume no liability and make no warranty, either expressed or implied, pertaining to the accuracy and completeness of the information contained herein including in regards to fitness and merchantability. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and therefore should not be construed as guaranteeing any specific property. The information herein relates only to the specific designated material and may not be valid for such material used in combination with any other materials, or in any process not specified in the text. Users should therefore consider this data only as a supplement to other information available from all other sources, and should incorporate this information into programs for the proper use and disposal of their materials and the health and safety of employees and customers.

**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

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