



# Escentials of Australia

## MSDS BROWN OXIDE

### Section 1- SUPPLIER

1. Escentials of Australia P/L  
5/49 Gateway Drive Noosaville QLD 4566  
Phone 07 54424559

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### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name CAS Number

Iron Oxide Yellow Pigment Yellow 42 C.I. 77492

51274-00-1

Iron Oxide Red Pigment Red 101 C.I. 77491

1309-37-1

Iron Oxide Black Pigment Black 11 C.I. 77499

1317-61-9

### SECTION 3 – HAZARDS IDENTIFICATION

#### Potential Health Effects

1. Skin: May cause slight irritation.
2. Eyes: May cause slight irritation.
3. Inhalation: Avoid breathing dust.
4. Ingestion: May be harmful if swallowed
5. Chronic information: n.a.

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### SECTION 4 – FIRST AID MEASURES

#### SEEK IMMEDIATE MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE

**Skin:** Immediately wash skin with plenty of soap and water for at least 15 minutes. Remove dirty clothes and shoes and thoroughly clean before reuse.

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention.

**Inhalation:** Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Ingestion:** Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by a physician.

**Note to Physician:** Treat symptomatically and supportively.



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## SECTION 5 – FIRE FIGHTING MEASURES

Synthetic Iron Oxide

Flammability Properties:

Non-combustible. Not considered to be a fire hazard.

Flash Point / Method:

No information available.

Flammability Limits (in air % by volume)

No information available.

LEL:

No information available.

UEL:

No information available.

Auto ignition Temperature:

No information available.

Hazardous Combustion Products:

n.a.

Extinguishing Media:

Water, dry chemical foam, or alcohol-resistant foam.

Firefight instructions:

As in any fire, wear full protective clothing and NIOSH- approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

General Information: Wear appropriate personal protective equipment as specified in Section 8.

Spills / Leaks: Take up and containize any spills for reclamation or disposal. US CERCLA Regulations require reporting spills and releases to soil, water, and air in excess of reportable quantities.

## SECTION 7 – HANDLING AND STORAGE PROCEDURES

Handling: Avoid breathing dust. Wash thoroughly after handling. Keep container tightly closed. Wear appropriate personal protective equipment as specified in Section 8.

Storage: Store in a tightly closed container in a cool, dry location away from incompatible substances. \_

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Respiratory Protection: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements for European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Skin Protection: Wear appropriate protective clothing and gloves to prevent skin exposure.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles to prevent eye exposure.

To be continued

Exposure Limits

OSHA Final PEL's

OSHA Standard, 8 hour TLV (Total Dust): 10 mg/m<sup>3</sup>

## SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

Physical state

Solid

Appearance

Brown - small particulate

Odour Odourless

Ph Not applicable

Vapour Pressure (mm Hg) Not applicable

Vapour Density (Air=1) Not applicable

Solubility in Water Insoluble

Specific Gravity/Density 4.10 g/cm<sup>3</sup> (water = 1) approx.

SECTION 10 – STABILITY AND REACTIVITY DATA Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Dust generation, excess heat, combustible materials, and moisture.

Incompatibility: n.a.

Hazardous Decomposition Products: None Hazardous Polymerization: None

## SECTION 11 – TOXICOLOGICAL INFORMATION

Not tested on animals

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## SECTION 12 – ECOLOGICAL INFORMATION

Environmental Fate: This material is not expected to biodegrade when released into the soil. This material is not expected to significantly bioaccumulate.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of containers and contents in accordance with all local, state, and Federal requirements.

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## SECTION 14 – TRANSPORTATION INFORMATION D.O.T

Hazard Class/I.D. No./Packing Group: Not applicable. Label: Not applicable.

Additional Information: Not applicable.

I.M.O./I.M.D.G.

Proper Shipping Name: Not applicable.

Hazard Class/I.D. No./Packing Group: Not applicable. Label: Not applicable.

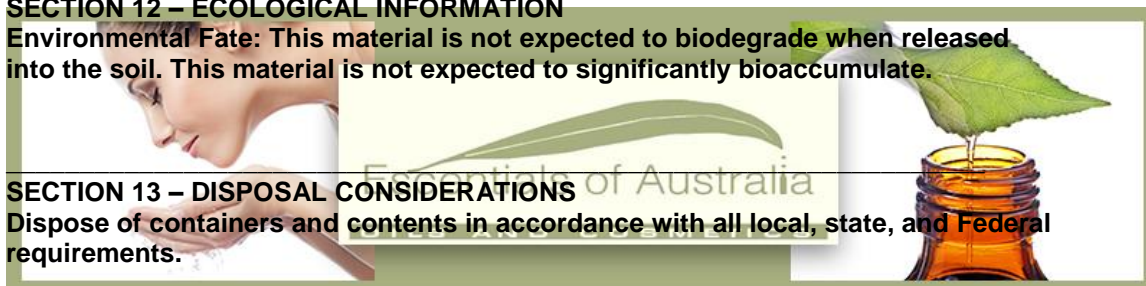
Additional Information: Not applicable.

I.C.A.O./I.A.T.A.

Proper Shipping Name: Not applicable.

Hazard Class/I. D. No. /Packing Group: Not applicable. Label: Not applicable.

Additional Information: Not applicable.



## SECTION 15 – REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

TSCA Section 8 (b): CAS showing in Section 2 listed on TSCA inventory.

SARA title III Section 302 Extremely Hazardous Substances (EHS): Since Iron Oxides are not EHS and no Threshold Planning Quantity is established, its presence in quantities at or above TPQ does not require any Emergency Planning Notification under 40 CFR Part 355.

SARA title III Section 304 CERCLA Hazardous Substances: Releases in quantities equal to or above their Reportable Quantity are not subject to any Emergency Notification, as no reportable quantity is established under 40 CFR Part 302.

SARA title III Sections 311 / 312: No reporting (Tier I or Tier II) shall be submitted by the facility under 40 CFR Part 370.

#### Physical Hazards

Fire: None

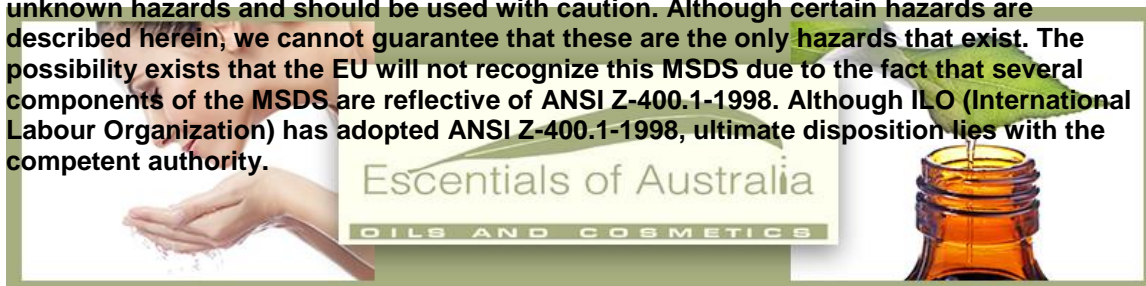
Sudden Release of Pressure: None Reactivity: None

#### Health Hazards

Immediate (Acute): None Delayed (Chronic): None

SARA title III Section 313 Toxic Chemicals: No reporting for routine annual toxic chemicals release shall be submitted under 40 CFR Part 372.

To the best of our knowledge, the information contained herein is accurate. However, neither Nubiola, Inc. nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The possibility exists that the EU will not recognize this MSDS due to the fact that several components of the MSDS are reflective of ANSI Z-400.1-1998. Although ILO (International Labour Organization) has adopted ANSI Z-400.1-1998, ultimate disposition lies with the competent authority.



Electronically signed

5 Sep 2015

Typical shelf life 3 years

Retest date 18 months after opening