



# MATERIAL SAFETY DATA SHEET

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## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name: OXIDE BLACK 318**

Company: Recochem Inc. ABN: 69 010 485 999  
Address : 12, Moss Road, Wingfield, South Australia 5013  
Phone: (08) 8222 1333 Fax: (08) 8260 7883  
Emergency Telephone Number: (08) 8222 1333 Day, After Hours 1300 131 001

Other Names: Black Iron Oxide  
Manufacturer's Product Code: OX318  
Recommended Use: Pigment for paint and concrete

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## SECTION 2 HAZARDS IDENTIFICATION

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**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA  
NOT A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

Symbols: None  
Risk Phrases: None  
Safety Phrases: None

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## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

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<b>Ingredients</b>	<i>CAS Number</i>	<i>Proportion (%)</i>
<i>Chemical Entity</i> Iron Oxide	1317-61-9	100

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## SECTION 4 FIRST AID MEASURES

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### FIRST AID TREATMENT

**Swallowed:** If swallowed, do NOT induce vomiting. Wash mouth out with water. Seek medical advice.  
**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention  
**Skin:** If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention  
**Inhaled:** Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

**First Aid facilities:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

**Advice to Doctor:** Treat symptomatically.

**Additional Information:** None available.

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## SECTION 5 FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media:** For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.

**Hazards from combustion products:** None listed.

**Precautions for Fire Fighters and Special Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus.

**Additional Information:** No additional remark

**Product: OXIDE BLACK 318**

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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Observe all local and national regulations

**Spills and Disposal, Methods and Materials for Containment and Clean Up Procedures:** For small spills, use appropriate tools to put spilled solid in a convenient waste disposal container. For large spills, use appropriate instruments to put the spilled material in a waste disposal container. Dispose of in accordance with regional regulations. Avoid raising dust.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for Safe Handling and Storage:** Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing dust, keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants.

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**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure Standards:** Worksafe Australia has set an exposure standard for iron oxide fumes (as Fe) at 5 mg/m<sup>3</sup> TWA (8hr)

**Biological Limit Values:** No biological limit allocated

**Personal Protective Equipment:**

**Respiratory Protection:** Wear appropriate respirator when ventilation is inadequate.

**Hand Protection:** Use solvent resistant gloves. Nitrile, PVC or neoprene.

**Eye Protection:** Wear safety Goggles.

**Protective Clothing:** No special protection is ordinarily required beyond standard issue work clothes.

**Engineering Controls:** Ensure that adequate ventilation is provided. Avoid generating and inhaling dust. Keep containers closed when not in use.

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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**PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES**

Appearance	Black solid powder
pH:	4 - 8 (5% suspension)
Vapour Pressure (mmHg @ 20°C):	N/A
Vapour Density (air = 1)	N/A
Boiling Point (°C):	N/A
Freezing/Melting Point (°C):	> 1000
Solubility in Water	<30
Specific Gravity (g/ml @ 15°C):	Ca. 5
Flashpoint (°C):	N/A
Flammability Limits (%):	N/A
Auto Ignition Temperature (°C):	N/A
Percent Volatiles	N/A

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**SECTION 10 STABILITY AND REACTIVITY**

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**Chemical Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** N/A

**Incompatible Materials:** N/A

**Hazardous Decomposition Products:** No hazardous reactions observed.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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**HEALTH EFFECTS**

*Acute:*

**Swallowed:** Non hazardous

**Eye:** May cause irritation to the eyes through mechanical action of powder

**Skin:** Non hazardous.

**Inhaled:** May be irritating to mucous membranes and upper respiratory tract through mechanical action of powder.

**Product: OXIDE BLACK 318**

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**SECTION 12 ECOLOGICAL INFORMATION**

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No data available

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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**Disposal Methods:** Ensure waste disposal conforms to local waste disposal regulations.

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**SECTION 14 TRANSPORT INFORMATION**

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UN Number:	NR	Proper Shipping Name:	NA
Class:	NR	Subsidiary Risk:	None allocated
Packing Group:	NR	Hazchem Code:	NA
Special Precautions for User:			

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**SECTION 15 REGULATORY INFORMATION**

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Poisons Schedule : N/A  
AICS : Listed  
Dangerous Goods Initial Emergency Response Guide (HB76:2004) : N/A

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**SECTION 16 OTHER INFORMATION**

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Further Information may be obtained by contacting Recochem on (08) 8222 1333

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The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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