



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: OXIDE FIRE RED

Company: Recochem Inc. ABN: 69 010 485 999
Address : 1809 Lytton Road, Lytton, Queensland 4178
Phone: (07) 3308 5200 Fax: (07) 3308 5201
Emergency Telephone Number: (07) 3308 5200 Day, After Hours 1300 131 001

Other Names: C.I. Pigment Red 101, Synthetic Red Oxide
Manufacturer's Product Code: OXFR
Recommended Use: Pigment for plastics, paint and concrete

SECTION 2 HAZARDS IDENTIFICATION

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

Symbols: Xi - Irritant
Risk Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin
Safety Phrases: S2 - Keep out of the reach of children
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Proportion (%)
<i>Chemical Entity</i> Iron (III) Oxide	1309-37-1	100

SECTION 4 FIRST AID MEASURES

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.

SECTION 5 FIRE FIGHTING MEASURES

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 FIRE RED

SECTION 6 ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 HANDLING AND STORAGE

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.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: Worksafe Australia has set an exposure standard for iron oxide fume (as Fe) at 5 mg/m³ 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.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	Reddish solid powder
pH:	3 – 7 (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

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: N/A

Incompatible Materials: N/A

Hazardous Decomposition Products: No hazardous reactions observed.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute:

Swallowed: May be harmful if swallowed.

Eye: Causes eye irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Inhaled: May be harmful if inhaled. Causes respiratory tract irritation.

Product: OXIDE FIRE RED

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

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

SECTION 14 TRANSPORT INFORMATION

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

SECTION 15 REGULATORY INFORMATION

Poisons Schedule : N/A
AICS : Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76:2010) : N/A

SECTION 16 OTHER INFORMATION

Further Information may be obtained by contacting Recochem on (07) 3308 5200

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.
