

## SAFETY DATA SHEET NATURAL OCHRE PIGMENTS

### 1. IDENTIFICATION OF THE SUBSTANCE

Product Name:	Red, Yellow, Purple and Brown Ochre.
Description of product:	Colorant (Inorganic Iron Oxide Pigment).
Company Name:	Clearwell Caves, Clearwell Mine Management Ltd, The Rocks, Clearwell, Nr Coleford, Gloucestershire GL16 8JR
Telephone:	01594 832535
Website:	<a href="http://www.clearwellcaves.com">www.clearwellcaves.com</a>
Email:	<a href="mailto:info@clearwellcaves.com">info@clearwellcaves.com</a>

### 2.COMPOSITION

Inorganic Iron Oxide Fe<sub>2</sub>O<sub>3</sub>, 60% - 95%.  
Water and Limestone (CaCO<sub>3</sub>) in varying quantities.

### 3.HAZARD IDENTIFICATION

No significant hazard.

Precautionary Statement: Do not inhale powder.

### 4. FIRST AID MEASURES

As a general rule in case of doubt always consult a doctor.

Skin Contact:	Wash off with plenty of water.
Eye contact:	Rinse for 15 minutes with plenty of clean water.
Ingestion (large amounts):	Rinse mouth with water – consult doctor if unwell.
Inhalation (substantial):	Remove from exposure, fresh air, monitor irritation/respiratory reaction, consult doctor if unwell.

## 5. FIRE FIGHTING MEASURES

- Hazards arising:** Non-combustible, no limitation for extinguishing agents.
- Extinguishing media:** Use extinguishing measures appropriate to local circumstances.
- Advice for Firefighters:** In the event of fire, wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

No special precautionary measures necessary in small quantities.

- Environmental precautions:** Do not dispose into drains or watercourses.
- Clean up procedures:** Avoid generation of dusts, transfer to suitable container, clean away residue.

## 7. HANDLING AND STORAGE

- Handling requirements:** Wash hands after use and before breaks.
- Conditions for safe storage:** Store dry in jar with tightly closed lid. Store in cool, dry area.
- Suitable packaging:** Store upright in supplied packaging, or similar container with well-fitting lid.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Hazardous ingredients:** Iron(III) oxide - Natural Iron Oxide  
EH40 WEL  
8 hour exposure inhalable dust limit 10mg/m<sup>3</sup>  
8 hour respirable dust limit 4mg/m<sup>3</sup>
- Engineering measures:** Well ventilated work area.
- Respiratory protection:** Respiratory protective device such as suitable particle dust mask if dust is being created.
- Eye/face protection:** Safety glasses as appropriate.
- Hand protection:** Vinyl gloves if appropriate, otherwise none required.
- Skin Protection:** Overalls or apron as required to avoid damage to clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Solid powder.
- Colour:** Red, Yellow, Purple, or Brown.
- Odour:** Odourless
- Oxidising:** Non-oxidising
- Solubility in water:** Insoluble
- Relative density:** yellow 4.1 – red 5.0
- pH:** 4 – 7

## 10. STABILITY AND REACTIVITY

Stability: Stable  
Explosive properties: Not classified as explosive.

## 11. TOXICOLOGICAL INFORMATION

Routes of exposure: Non-toxic, but wash hands after use and before meals. Do not inhale.

## 12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water.  
Persistence & degradability: Not biodegradable.  
Bio-accumulative potential: No bioaccumulation potential.  
Other adverse effects: Negligible eco-toxicity when handled and used with due care and attention.

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Waste material may be disposed of into building waste reclamation/landfill. Do not dispose into drains or water courses.

## 14. TRANSPORT INFORMATION

Land Transport: Not classified as dangerous.  
Inland or sea transport: Do not dispose into watercourses; harmless to fish and other life in small quantities.  
Air transport: Not classified as dangerous.

## 15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

## 16. OTHER INFORMATION

Training advice: Provide adequate information and instruction to users.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and is to be used only as a guide. This company shall not be held liable for damage resulting from handling or from contact with the above product.