

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Micronised Red Iron Oxide "MICRONOX".
Chemical Description: Ferric Oxide (Fe₂O₃).
Product Type: Preparation.
Manufacturer/Supplier: PROMINDSA.
Address: Henao 7 piso 7º - 48009 BILBAO. SPAIN.
Phone Number: 34-94-4239367.
Fax Number: 34-94-4240240.
Emergency 24 Hour Contact: 34-976-823001

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Components in Product for EC

Component Name	CAS / EINECS	Concentration	R Phrases	Classification
1. Iron Oxide (Fe ₂ O ₃)	1309-37-1 2151682	85.00%		

3. HAZARD IDENTIFICATION

Main Hazards: The product contains no substances classified as hazardous to health according to EC directive.

4. FIRST AID MEASURES

General Advice: If symptoms persist, call a physician.
Inhalation: Move to fresh air.
Skin Contact: Wash skin thoroughly with soap and water.
Eye Contact: Rinse thoroughly with plenty water, also under the eyelids.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Extinguish with carbon dioxide, dry chemical, foam or waterspray. The product itself does not burn.
Protective Equipment for Fire-Fighters: Wear self contained breathing apparatus.
Specific Methods: Cool containers / tanks with spray water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. See Section 8.
Environmental Precautions: Do not flush into surface water or sanitary sewer system.
Spillages: Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling: Avoid dust formation in confined areas.
Storage: Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Standards: Dust, respirable: ACGIH: TLV 5mg/m³ 8h TWA.UK
1. Iron Oxide (Fe₂O₃) EH40: OES 10mg/m³ 8h TWA.
Engineering Control Measures: Use only in area provided with appropriate exhaust ventilation.

8. EXPOSURE CONTROL/PERSONAL PROTECTION (Continued)

Respiratory Protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Hand Protection:	Gloves.
Eye Protection:	No special precautions required.
Body Protection:	Lightweight protective clothing.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder.
Colour:	Red Brown.
Odour:	None.
Relative Density:	4.4g/cm ³ (20°C).
Solubility in Water (Kg/m ³):	Insoluble in water.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None under normal processing.
Materials to Avoid:	None under normal use.
Hazardous Decomposition Products:	None.

11. TOXICOLOGICAL INFORMATION

General:	No experimental toxicological data on the preparation are available. The product is Generally Regarded As Safe.
Acute Toxicity:	Not classified as harmful if swallowed. Not classified as irritating to eyes/skin.

12. ECOLOGICAL INFORMATION

General:	No experimental ecological data are available on this preparation.
Ecotoxicity:	Do not flush into surface water or sanitary sewer system.

13. DISPOSAL

Product Disposal:	Dispose of in accordance with all applicable local and national regulations. Contact waste disposal services.
Container Disposal:	Dispose of in accordance with all applicable local and national regulations. Contact waste disposal services.

14. TRANSPORT INFORMATION

Transport Classification:	No classified as dangerous in the meaning of transport regulations
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15. REGULATORY INFORMATION

EU Classification:	Classification according to European Directives 67/548/EEC and 88/379/EEC as amended: Not classified as hazardous for supply in the meaning of EU Directives.
R-phrase(s):	None.
S-phrase(s):	None.

16. OTHER INFORMATION

MSDS first issued:	1980.
MSDS data revised:	3rd January 2005.
Revisions Highlighted:	Special Hazards of Product.
Prepared By: :	A.V.
Verified By:	F.P.
Legislation:	Chemicals (Hazard Information and Packaging for Supply) Regulations, 1994 (SI 1994 No. 3247) as amended; SI 1996 No. 1092 (CHIP 96) and SI 1997 No. 1460 (CHIP 97).
Further Information:	Safety Data Sheet prepared according to EU Directive 91/155/EEC as amended.



PROMINDSA

SAFETY DATA SHEET

MICRONOX Red Iron Oxide

Tierga mines
50269 Tierga (Zaragoza)
S P A I N

16. OTHER INFORMATION (Continued)

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.
