



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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E172 DURANAT RED IRON OXIDE

Revision 0

Revision date 2013-01-09

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	E172 DURANAT RED IRON OXIDE
EC No.	215-168-2

1.3. Details of the supplier of the safety data sheet

Company	Town End (Leeds) plc
Address	Silver Court, Intercity Way, Stanningley, Leeds, LS13 4LY
Web	www.dyes.co.uk
Telephone	+44 (0)113 256 4251
Fax	+44 (0)113 239 3315
Email	msds@dyes.co.uk
Email address of the competent person	msds@dyes.co.uk

1.4. Emergency telephone number

Emergency telephone number	+44 (0)113 256 4251 9.00 am - 5.00 pm GMT Mon - Fri
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Intended use

	Food Pigment.
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if you feel unwell or if exposure is prolonged.
Eye contact	Flush with water. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash affected skin with soap and plenty of water.
Ingestion	DO NOT INDUCE VOMITING. Drink plenty of water. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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5.1. Extinguishing media

Carbon dioxide (CO2). Foam. Water spray.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for firefighters

Self-contained breathing apparatus.

Further information

Explosion hazard

None.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Gloves, goggles, respiratory protection.

6.2. Environmental precautions

Do not allow product to contaminate water courses.

6.3. Methods and material for containment and cleaning up

Scoop into marked containers for disposal as chemical waste.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid formation of dust. Use local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
Handle in accordance with good industrial hygiene practice and any legal requirements.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in a cool, dry, well ventilated area. Do not store with hazardous chemicals. Take precautionary measures against static discharges.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

Eye / face protection

Safety glasses.

Skin protection -
Handprotection

Protective gloves.

Respiratory protection

Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Powder
Colour	Reddish
Odour	Odourless

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

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10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

None.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

E172 DURANAT RED IRON OXIDE	Oral Rat LD50: > 2000 mg/kg
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Further information

Skin sensitisation	None Known.
Adverse effects in man	No adverse effects reported.
Eye irritation	Non-irritant.
Skin irritation	Non-irritant.

SECTION 12: Ecological information

Further information

Summary	Not toxic or harmful to aquatic organisms.
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SECTION 13: Disposal considerations

Disposal methods

	Can be sent to landfill or incinerated if in compliance with local and national regulations.
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Disposal of packaging

	Contaminated empty containers must be disposed of as chemical waste.
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SECTION 14: Transport information

ADR/RID

	The product is not classified as dangerous for carriage.
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IMDG

	The product is not classified as dangerous for carriage.
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IATA

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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SECTION 16: Other information

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.
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