

SAFETY DATA SHEET

Page 1/5

(According to Regulation (EU) 2015/830)

1- IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Eisenoxid Gelb / IRON OXIDE YELLOW

1.2 Relevant identified uses of the substance or mixture and uses advised against Pigment.

1.3 Details of the supplier of the safety data sheet

Manske GmbH
Geschwister-Scholl-Str. 7
D 74523 Schwäbisch Hall
www.manske-shop.com - info@manske-shop.com - Tel. +49 791/9780800 - Fax. +49 791/97808069

1.4 Emergency telephone number: +49 791/9780800

2- HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified as hazardous substance

2.2 Label elements

2.2.1 Labelling in accordance with Regulation (EC) 1272/2008 [UE-GHS/CLP]

Hazard pictogram: None

Signal Word(s): None

Hazard statement(s): None

Precautionary statement(s): None

2.3 Other hazards: None

3- COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Iron oxide (FeO)

C.I.: 77492

C.I.: Pigment Yellow 42

CAS N°: 51274-00-1

EINECS N°: 257-098-5

3.2 Mixtures

4- FIRST AID MEASURES

4.1 Description of first aid measures

Ingestion: In case of accidental ingestion, consult a doctor. Do not induce vomiting.

Eye contact: Irrigate promptly with copious amounts of water for at least 15 minutes and get medical attention.

Skin contact: Wash with water and soap. If irritation appears get medical attention.

Inhalation: Remove affected person to fresh air and consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5- FIREFIGHTING MEASURES

5.1 Extinguishing media

Water mist, CO₂, dry powder.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for fire-fighters

Wear appropriate protective equipment and clothing.

6- ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust inhalation. Wear appropriate protective equipment and clothing.

6.2 Environmental precautions

Avoid raising dust. Ventilate area. Prevent entry into sewers, water sources or soil.

6.3 Methods and material for containment and cleaning up

Contain spillage and transfer to a sealable container. Residue may be washed with water.

6.4 Reference to other sections

None.

7- HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in well ventilated area or provided with a good ventilation. Avoid dust.

7.2 Conditions for safe storage, including any incompatibilities

Keep in tightly sealed containers. Store in a cool and dry place, away from heat and electricity sources.

7.3 Specific end use(s)

No data available.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Substances with exposure limits: No data available.

8.2 Exposure controls

Respiratory protection: Appropriate mask

Hand protection: Gloves

Skin protection: Wear suitable protective clothes

Eye protection: Safety glasses

9- PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: yellow powder

pH: 5 – 7 (dispersion 1%)

Melting point: > 1000°C

Flammability: n.a.

Explosion hazard:

Bulk density:

Solubility in oil: insoluble

Thermal decomposition: > 1000°C

Odour: none

Boiling point: n.a.

Flash point: n.a.

Autoflammability: n.a.

Vapour pressure: n.a.

Solubility in water: insoluble

Solubility in alcohol:

9.2 Other information

No data available.

10- STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

No decomposition occurs if stored and used under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid dust generation.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

None.

11- TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity (LD50): > 10000 mg/kg (determined in rats).

Skin irritation: Non irritant (tested in rabbits)

Eye irritation: Non irritant (tested in rabbits)

Effects of overexposure:

Ingestion: May appear gastric discomfort.

Skin: Irritation not expected.

Eyes contact: possible irritation by dust particles mechanical action.

Inhalation: May cause discomfort to respiratory tract.

12- ECOLOGICAL INFORMATION

12.1 Toxicity

Fish toxicity: no data available

Bacteria in effluent toxicity: No data available

12.2 Persistence and degradability

No data available

12.3 Bio accumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13- DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Eliminate in accordance with local Regulations.

14- TRANSPORT INFORMATION

NOT DANGEROUS FOR TRANSPORT

14.1 UN number

ADR/RID: ---

IMDG: ---

IATA: ---

SAFETY DATA SHEET
IRON OXIDE YELLOW

Page 5/5

14.2 UN proper shipping name

ADR/RID:

IMDG:

IATA:

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packing group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID:

IMDG Marine pollutant:

IATA:

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

15- REGULATORY INFORMATION

This Safety Data Sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

15.2 Chemical safety assessment

No data available

16- OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with present regulations.

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of health and safety requirements. This information should not therefore be construed as guarantee of the product specific properties.