



SAFETY DATA SHEET FERRISPEC FP YELLOW PIGMENT

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200.

1. Identification

Product identifier

Product name FERRISPEC FP YELLOW PIGMENT

Product number FFPYB, YB1888, YB1987, YB2087, YB3100, YB3587, YB6087, YB6587

Recommended use of the chemical and restrictions on use

Application Industrial color

Details of the supplier of the safety data sheet

Supplier Oxerra Americas LLC
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The Woodlands
TX. 77380
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Emergency telephone number

Emergency telephone Domestic & Canada 1-800-633-8253 (PERS) Oxerra Customer # 12060
International 1-801-629-0667 (PERS)

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Not Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Human health May be slightly irritating to eyes. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May be slightly irritating to skin.

Environmental The product is not expected to be hazardous to the environment.

Label elements

Hazard statements NC Not Classified

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

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CALCIUM CARBONATE	<15%
CAS number: 1317-65-3	
Classification	
Not Classified	

The full text for all hazard statements is displayed in Section 16.

Composition comments Yellow iron hydroxide oxide, FeOOH / C.I. Pigment Yellow 42 : Alternative CAS No. 20344-49-4, Alternative EINECS No. 243-746-4

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person.
Skin Contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause temporary eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Additional information:

Special hazards arising from the substance or mixture

Specific hazards None known.

Advice for firefighters

Protective actions during firefighting N/A

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials. Avoid the spillage or runoff entering drains, sewers or watercourses.

Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation and spreading of dust. Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar.

Reference to other sections For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid inhalation of dust and contact with skin and eyes. Wash thoroughly after handling. Minimize dust generation and accumulation. For pallets wrapped in polyethylene plastic, removal may cause an electrostatic spark; removal of the wrap should not be done in the presence of flammable vapors.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep separate from substances subject to catalytic decomposition by dust, e.g. peroxides. Store dry at ambient temperature away from food, beverage, excessive heat, sources of flame.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

CALCIUM CARBONATE

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

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CRYSTALLINE SILICA

Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³ respirable fraction

A2

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A2 = Suspected Human Carcinogen.

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

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Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Dusty powder.
Color	Yellow.
Odor	Odorless.
Odor threshold	No information required.
pH	pH (diluted solution): 4 - 8 @ 10%
Melting point	No information available.
Initial boiling point and range	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not relevant.
Evaporation factor	Not relevant.
Flammability (solid, gas)	Not relevant.
Upper/lower flammability or explosive limits	Not relevant.
Other flammability	Not relevant.
Vapor pressure	Not relevant.
Vapor density	Not relevant.
Relative density	4.1 g/ml @ @ 20°C
Solubility(ies)	Insoluble in water.
Partition coefficient	Not relevant.
Viscosity	Not relevant.
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidizing properties	Not applicable.
Particle size	Not available.
Volatile organic compound	This product contains a maximum VOC content of 0 %.

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10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns. Temperatures of approximately 180°C and above, result in dehydroxylation to Fe ₂ O ₃ .
Possibility of hazardous reactions	Not relevant.
Conditions to avoid	Avoid heat.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended.

11. Toxicological information

Information on toxicological effects

Toxicological effects	No data recorded.
General information	No specific health hazards known.

12. Ecological information

Ecotoxicity	The product is not expected to be hazardous to the environment.
Toxicity	Not considered toxic to fish.
<u>Persistence and degradability</u>	
Persistence and degradability	The product is not readily biodegradable.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.
Partition coefficient	Not relevant.
<u>Mobility in soil</u>	
Mobility	The product is insoluble in water.
<u>Other adverse effects</u>	
12.7 Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods

General information	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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Disposal methods Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. This product when discarded as sold is not an RCRA hazardous waste. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40CFR261.20-24)

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Proper shipping name (TDG) None

Proper shipping name (IMDG) None

Proper shipping name (ICAO) None

Proper shipping name (DOT) None

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance
No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

National regulations Chemicals (Hazard Information & Packaging) Regulations 1996.

Guidance UK HSE guidance note EH40, Workplace Exposure Limits.

US State Regulations

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State Regulations Comments WARNING! This product can expose you to chemicals, as trace impurities and not intentionally added, known to the state of California to cause cancer (C) and birth defects (M) or other reproductive (R) harm. For more information, go to www.P65Warnings.ca.gov.

Arsenic (As), Cadmium (Cd), Chromium VI (Cr6+), Cobalt (Co), Lead (Pb), Mercury (Hg) and Nickel (Ni)

WARNING: This product can expose you to chemicals including quartz (SiO₂), which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

California Proposition 65 Carcinogens and Reproductive Toxins

CRYSTALLINE SILICA <0.05%

Carcinogen.

Inventories

EU - EINECS/ELINCS

All the ingredients are listed or exempt.

US - TSCA

All ingredients are listed on the TSCA ACTIVE list or exempted.

US - TSCA 12(b) Export Notification

No.

16. Other information

General information	HMIS * (asterisk) indicates product associated with chronic health effect that may occur after weeks, months or years of repeated overexposure. Refer to Section 2. HMIS Codes: Health = 0*, Flammability = 0, Physical = 0, Personal Protection = E
LABEL CODE	N/A
Issued by	Product Regulations Dept
Revision date	5/31/2023
Revision	10
Supersedes date	3/23/2023
SDS No.	17795
SDS status	Approved.
ACA HMIS Health rating.	Minimal Hazard. (0) Chronic Hazard.
ACA HMIS Flammability rating.	Will not burn. (0)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	E



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