



HIGH-PURITY
IRON OXIDE PIGMENTS



Empower Color Globally

OXERRA is a leading developer and manufacturer of inorganic pigments, boasting a worldwide manufacturing presence. We empower color on a global scale, offering solutions that enhance the quality of life for people worldwide.



Our culture and passion are driven by the success of our customers.

With manufacturing operations and divisional offices on five continental regions: America, Asia, Australasia, Europe and Africa, OXERRA leads the world in sustainable supply of inorganic pigments.

Our global strategy propels us forward to provide unrivaled products and services in iron oxide and color pigment manufacture with the highest level of sustainable and eco-friendly technology for all industries.

Our emphasis on production excellence, customer solutions, sustainability, environmental responsibility and innovation are embedded in the OXERRA global culture and our world class skilled experts provide dedicated advice, technical support and solutions worldwide.

With a network encompassing a global concentration on sustainable, high-quality pigments for every application imaginable our products are used in thousands of everyday items, including paints, plastics, cosmetics, paper, pharmaceuticals, inks, catalysts, decorative concrete, masonry, roof tiles, asphalt and in water purification.

Complete details on other pigment offerings can be found at oxerra.com



High-Purity Iron Oxides & Production Facilities

OXERRA is a leading manufacturer of high-purity iron oxide pigments, catering to the pharmaceutical, cosmetics, and food industries. Our distinctive range of OxPure™, FERROXIDE®, and SICOVIT® pigments offers a comprehensive palette of yellow, orange, red, brown, and black shades.

FERROXIDE Pigments

These high-purity pigments are precipitated from proprietary start-point raw materials to produce clean shades that are readily incorporated into cosmetics, feed and pet food products.

Ongoing investment in innovative, proprietary process technology enables OXERRA to manufacture clean colors with:

- Excellent batch-to-batch consistency
- Small particle size
- Stringent heavy metal content
- Strong aesthetic appeal

SICOVIT Pigments

Developed to meet the most stringent pharmacopoeia standards, SICOVIT pigments are manufactured according to current Good Manufacturing Practices (cGMP EXCiPACT) and are an excellent color choice for pharmaceuticals, medical devices, and food applications where regulatory compliance is essential.

OxPure Pigments

Our OxPure range of ultra-pure iron oxide pigments comprising red, yellow and black has been developed for the most stringent requirements in terms of heavy metal impurities and compliance.



Our Highly Certified Turin Facility

OXERRA's high-purity iron oxide production facility in Turin, Italy, is the first plant in the world to produce iron oxides with EXCiPACT certification as part of the SICOVIT pigment range.

The plant is certified under GMP EXCiPACT, ISO 9001, ISO 14001, Halal and Kosher guidelines. It serves as a production site for high-purity iron oxide pigments, which have been utilized in pharmaceuticals, cosmetics, decorative items, medical devices and food applications for many years.

Our state-of-the-art facility is dedicated to manufacturing iron oxides of the highest purity for pharmaceuticals, cosmetics and food applications. We adhere to stringent microbial control standards, ensuring exceptionally high levels of purity.

To prevent cross-contamination with other iron oxide pigments, our production is technologically advanced and conducted in a separate, carefully controlled environment.

At OXERRA, sustainability is at the forefront of our priorities, guiding every stage of our pigment's lifecycle.



HIGH PURITY IRON OXIDE PIGMENTS

FERROXIDE YELLOWS

Colors Represent Mass Tone and Tint Tone 1:3 / 1:9

Masstone

Tint Tone 1:3

Tint Tone 1:9



FERROXIDE Yellow 505P E172



FERROXIDE Yellow 506P E172



FERROXIDE Yellow 510P E172

IMPORTANT COLOR ACCURACY NOTE

Color chips shown are only as accurate as the printing process allows. Colors may be slightly different from actual shades. This is for your reference only. Actual samples will provide best representation.



FERROXIDE YELLOWS

FERROXIDE REDS

Colors Represent Mass Tone and Tint Tone 1:3 / 1:9

Masstone

Tint Tone 1:3

Tint Tone 1:9



FERROXIDE Red 212P E172



FERROXIDE Red HP1599T E172



FERROXIDE Red HP2199T E172



FERROXIDE Red HP3098T E172



FERROXIDE Red HP5098T E172



FERROXIDE Red HP8098T E172

FERROXIDE REDS

IMPORTANT COLOR ACCURACY NOTE

Color chips shown are only as accurate as the printing process allows. Colors may be slightly different from actual shades. This is for your reference only. Actual samples will provide best representation.



FERROXIDE REDS

FERROXIDE BLACKS

Colors Represent Mass Tone and Tint Tone 1:3 / 1:9

Masstone

Tint Tone 1:3

Tint Tone 1:9



FERROXIDE Black 78P E172



FERROXIDE Black 80P E172



FERROXIDE Black 81P E172



FERROXIDE Black 84P E172



FERROXIDE Black 88P E172

IMPORTANT COLOR ACCURACY NOTE

Color chips shown are only as accurate as the printing process allows. Colors may be slightly different from actual shades. This is for your reference only. Actual samples will provide best representation.



FERROXIDE BLACKS

FERROXIDE ORANGES AND BROWNS

Colors Represent Mass Tone and Tint Tone 1:3 / 1:9

Masstone

Tint Tone 1:3

Tint Tone 1:9



FERROXIDE Orange 4535P E172



FERROXIDE Brown 186P E172

IMPORTANT COLOR ACCURACY NOTE

Color chips shown are only as accurate as the printing process allows. Colors may be slightly different from actual shades. This is for your reference only. Actual samples will provide best representation.



FERROXIDE ORANGES AND BROWNS

OXPURE™

Colors Represent Mass Tone and Tint Tone 1:3 / 1:9

OxPure™ Yellow Y01

Masstone

Tint Tone 1:3

Tint Tone 1:9

OxPure™ Red R01

Masstone

Tint Tone 1:3

Tint Tone 1:9

OxPure™ Black B01

Masstone

Tint Tone 1:3

Tint Tone 1:9

OxPure Pigments

This range of ultra-pure iron oxide pigments can enhance the aesthetic appeal of cosmetic products, providing long lasting durability and gives excellent results even when are used in combination with pearlescent pigments for special effects in a wide range of formulations.

The core range of OxPure™ pigments is designed to offer full compliance with cosmetic requirements.

Chemical Purity Specifications

	FDA	E172	OxPure
Arsenic (As)	≤ 3 ppm	≤ 3 ppm	≤ 2 ppm
Mercury (Hg)	≤ 3 ppm	≤ 1 ppm	≤ 0,5 ppm
Lead (Pb)	≤ 10 ppm	≤ 10 ppm	≤ 1 ppm
Cadmium (Cd)		≤ 1 ppm	≤ 1 ppm
Copper (Cu)		≤ 50 ppm	≤ 10 ppm
Chromium (Cr)		≤ 100 ppm	≤ 20 ppm
Nickel (Ni)		≤ 200 ppm	≤ 10 ppm
Zinc (Zn)		≤ 100 ppm	≤ 35 ppm
Barium (Ba)			≤ 3 ppm
Cobalt (Co)			≤ 10 ppm
Neodymium (Nd)			≤ 10 ppm
Antimony (Sb)			≤ 1 ppm
Selenium (Se)			≤ 1 ppm

IMPORTANT COLOR ACCURACY NOTE

Color chips shown are only as accurate as the printing process allows. Colors may be slightly different from actual shades. This is for your reference only. Actual samples will provide best representation.

SICOVIT PIGMENTS

Colors Represent Mass Tone and Tint Tone 1:3 / 1:9

Masstone

Tint Tone 1:3

Tint Tone 1:9



SICOVIT Yellow 10 E172



SICOVIT Yellow 20 E172



SICOVIT Brown 70 E172



SICOVIT Brown 75 E172



SICOMET Brown ZP3569 E172

Masstone

Tint Tone 1:3

Tint Tone 1:9



SICOVIT Red 20 E172



SICOVIT Red 30 E172



SICOVIT Black 80 E172



SICOVIT Black 84 E172



SICOVIT Black 85 E172



Product Regulations

Application	Pharma	Cosmetics	Pet Food	Animal Feed	Food
FERROXIDE, OxPure™ Pigments		•	•	•	•
SICOVIT Pigments	•	•	•	•	•

Compliance	SICOVIT® Pigments	FERROXIDE®/OxPure™ Pigments
E172 - Regulation (EU) 231/2012	•	•
Cosmetics - Regulation (EU) 1223/2009	•	•
Cosmetics - FDA 21CFR73.2250	•	•
Cosmetics - NATRUE Label criteria Annex 2:Nature-identical inorganic pigments and minerals approved in natural and organic cosmetics.	•	•
Safety and Technical Standard for Cosmetics	•	•
Foods - FDA 21CFR73.200	•	•
Feed additives - Regulation (EC) No.1831/2008 - Regulation (EC) No. 183/2005	•	•
JECFA	•	•
Kosher	•	•
HALAL	•	•
VEGAN	•	•
PHARMACOPEIAL STANDARDS - United States Pharmacopeia (USP-NF), Japanese Pharmaceutical Excipients (JPE), Chinese Pharmacopoeia (ChP) and European Pharmacopeia (Ph. Eur).	•	
Drugs - FDA 21CFR73.1200 & Medical Devices 21CFR73.3125	•	
EXCIPACT Certification Standard for Pharmaceutical Excipient Suppliers (GMP/GDP/GWP)	•	



Compliance & Technical Support

Safety

We are committed to continuously improving safety performance in our business and across the wider pigments and additive industry.

The Environment

Environmental stewardship is one of OXERRA's guiding principles. Harnessing state-of-the-art, innovative technologies and deploying the skills sets of our pigments and additives professionals, we strive to ensure that our work has minimal environmental impact. Our production facilities are certified to international health, safety, environmental and quality standards.

Technical Service

At OXERRA, quality and value are a given. Whatever your color formulation or handling challenge, we are ideally placed to help you overcome it. Working from our technical service laboratories, our experienced chemists and technicians are prepared to:

- Provide on-going technical support
- Formulate industry and customized colors
- Match new shades
- Explore new formulations
- Provide product compliance and technical support

Contact us today
to learn more about
our offerings



Color that's meant to last.

OXERRA is internationally recognized as a superior manufacturer of iron oxide and other pigments for the coatings, plastics, specialties and construction industries.

Our drive to produce high-quality, unquestionably pure pigments combined with our iron-clad customer service makes us the obvious choice.



An Unmatched Global Manufacturing Network Across Eight Countries on Four Continents

1.855.422.8429

oxerra.com