AERONIX INDUSTRIES

CERTIFIED ISO 9001:2015 COMPANY

सत्यमेव जयते

MSME

सूक्ष्म , लघु एवं मध्यम उद्यम

MICRO, SMALL & MEDIUM ENTERPRISES

MAKE IN INDIA

AERONIX INDUSTRIES

COMPANY PROFILE

Established in 2023, Aeronix Industries LLP is a trusted manufacturer of premium-quality Ferric Chloride products, based in Tadkeshwar, Gujarat, just 30 km from Surat. We specialize in Anhydrous, Hexahydrate, and Liquid Ferric Chloride, catering to a wide spectrum of industries with consistent quality and on-time delivery.

Our state-of-the-art manufacturing facility is powered by experienced professionals in Research & Development and Quality Control, ensuring each batch meets the highest industry standards.

Our corporate office in Surat houses expert teams across procurement, marketing, exports, finance, and more—allowing us to manage operations efficiently and foster long-term customer relationships.

At Aeronix, we are driven by innovation, quality, and service excellence, and are proud to deliver reliable Ferric Chloride solutions to clients across India and beyond.

MANUFACTURING SETUP

At Aeronix Industries LLP, our rapid growth is powered by continuous research, innovation, and strong infrastructure. We've made strategic investments in our back-office systems and factory setup to support seamless operations, future expansion, and global scalability.

Our expansive premises are thoughtfully organized into specialized functional zones to ensure smooth workflows—from manufacturing and quality testing to stocking, packaging, and distribution.

Equipped with cutting-edge laboratories and modern machinery, our production systems are built to deliver consistent quality that meets both domestic and international standards.

Our Infrastructure Includes:

- Manufacturing Unit — Modern plant with precision-driven processes
- Warehousing & Packaging Unit — Safe, scalable, and efficient logistics hub
- Sales & Marketing Unit — Client-focused team serving Indian and global markets
- Research & Development Unit — Innovation hub for product enhancement and quality control

We are committed to maintaining infrastructure that not only supports present demand but also scales effortlessly with future growth—ensuring we remain a reliable Ferric Chloride partner across industries worldwide.

ENVIRONMENTAL CONCERNS

At Aeronix Industries LLP, environmental stewardship has always remained a key priority. All our operations are carefully aligned with global environmental standards and fully adhere to the relevant environmental regulations.

We operate with a strong sense of responsibility toward the environment and public well-being, which is reflected in our in-house waste management system. This includes primary, secondary, and tertiary treatment processes to ensure that all liquid and solid waste is safely and lawfully treated and disposed of.

Our commitment to sustainable practices is deeply rooted in our mission to promote cleaner, safer industrial operations.

MANUFACTURER | **EXPORTER** | **SUPPLIER**

AERONIX INDUSTRIES

OUR PRODUCT

FERRIC CHLORIDE (ANHYDROUS)

(IS: 711 — 1970)

SPECIFICATION

CAS NO.	: 7705-08-0	
SYSTEMATIC NAME	: Ferric Chloride	
OTHER NAME	: Iron(III) chloride, Iron tri chloride, Ferric Trichloride Anhydrous	
EMPIRICAL FORMULA	: FeCl3	
MOLECULAR WT	: 162.2 g/mol	
APPEARANCE	: Dark Greenish Black, Crystalline Powder Extremely hygroscopic	
SPECIFICATIONS	: Ferric Chloride (as Fecl3)	: 98.00 % min
	Matter Insoluble in water	: 0.50 % max
	Free Chlorine (as Cl)	: 0.01 % max
	Ferrous Salts (as Fecl2)	: 0.10 % max
	Sulphates (as SO4)	: 0.30 % max
	Nitrates (as NO3)	: 0.05 % max
	Copper (as Cu)	: 0.015 % max
	Zinc (as Zn)	: 0.01 % max
	Arsenic (as As2O3)	: 0.0005 % max
	Alkalis and Alkaline earths	: 0.30 % max

AERONIX INDUSTRIES

OUR PRODUCT

FERRIC CHLORIDE HEXAHYDRATE

(IS: 711 — 1970)

SPECIFICATION

CAS NO.	: 10025-77-1	
SYSTEMATIC NAME	: Ferric Chloride Hexahydrate	
OTHER NAME	: Iron (III) Chloride, Iron tri Chloride	
EMPIRICAL FORMULA	: FeCl3 6H2O	
MOLECULAR WT	: 270.3 g/mol	
APPEARANCE	: Brownish-yellow solid	
SPECIFICATIONS	: Ferric Chloride Hexahydrate (as FeCl3 6H2O)	: 99.99 % min
	Ferric Chloride (as Fecl3)	: 60.00 % min
	Free Acid (as HCL)	: 0.03 % max
	Free Chlorine (as Cl)	: 0.01 % max
	Insoluble Matter	: 0.50 % max
	Ferrous Salts (as Fecl2)	: 0.10 % max
	Sulphates (as SO4)	: 0.30 % max
	Nitrates (as NO3)	: 0.05 % max
	Copper (as Cu)	: 0.015 % max
	Zinc (as Zn)	: 0.01 % max
	Arsenic (as As2O3)	: 0.0003 % max
	Alkalis and Alkaline earths	: 0.30 % max

AERONIX INDUSTRIES

OUR PRODUCT

FERRIC CHLORIDE (LIQUID)

(IS: 711 — 1970)

SPECIFICATION

CAS NO.	: 7705-08-0
SYSTEMATIC NAME	: Ferric Chloride
OTHER NAME	: Iron (III) Chloride, Iron tri Chloride
EMPIRICAL FORMULA	: FeCl3
MOLECULAR WT	: 162.2 g/mol
APPEARANCE	: Dark brown liquid
SPECIFICATIONS	: Ferric Chloride (as Fecl3)
Specific gravity	: 40.00- 42.00% min
Insoluble matter	: 1.42 — 1.46 min
Free Acid (as HCL)	: 0.05 % max
Free Chlorine (as Cl)	: 0.02 % max
Ferrous Salts (as Fecl2)	: 0.01 % max
Sulphates (as SO4)	: 0.10 % max
Nitrates (as NO3)	: 0.30 % max
Copper (as Cu)	: 0.05 % max
Zinc (as Zn)	: 0.015 % max
Arsenic (as As2O3)	: 0.01 % max
Alkalis and Alkaline earths	: 0.0002 % max
	: 0.20 % max

AERONIX INDUSTRIES

info.aeronixindustries@gmail.com

aeronixindustries@gmail.com

+91 99788 65964

Plot No. 08/1091, 01/1092, Rajesh Industrial Estate-2,
Tadkeshwar, Ta. Mandvi, Dist. Surat, Gujarat, India - 394170