

feri tri

CHEMICAL PRODUCTS FOR WATER AND WASTEWATER TREATMENT

For the perpetual cycle of water



www.feri-tri.gr

Our products

- Inorganic Coagulants
- Flocculants - Polymers
- Inorganic acids and bases
- Biocides
- Chloro - alkali products
- Sulfides & sulphates
- Nitrate products
- Peroxygen
- Activated carbon
- Silica Sand
- Mineral Fertilizers



Water and wastewater plants

- . Municipal waste water treatment
- . Industrial sewage treatment
- . Drinking water treatment
- . Process water treatment
- . Swimming pool water treatment
- . Boiler and cooling water treatment
- . Desalination and water reuse
- . Disinfection
- . BOD and COD removal
- . Color removal
- . Phosphorous removal
- . Sulphide and sulphate removal
- . Heavy metals removal
- . Foam control
- . Odor control
- . Solids removal
- . Emulsion breaking
- . Sludge treatment

Animals

- . Feedstuff additives
- . Anemia prevention

Industry

- . Additives and intermediates
- . Raw materials for lead acid batteries
- . Picking and collection
- . Gas absorption and desorption
- . NOx treatment
- . Heavy metals removal
- . Disinfection
- . Chromium reduction
- . Process foam prevention
- . Contamination prevention
- . Discoloration
- . PH regulation agents
- . Preservatives
- . Antioxidants
- . Slimes dewatering

Plants and soil

- . Chlorosis prevention
- . Iron substitution
- . Plant nutrition with nitrogen
- . Land remediation

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ECHA
EUROPEAN CHEMICALS AGENCY



TITLE	BRAND NAME	CHEMICAL TYPE	ACTIVE SUBSTANCE (w/w)
FLOCCULANTS - COAGULANTS			
FERRIC CHLORIDE SULPHATE	FERRISOL 123	FeClSO ₄	Fe ³⁺ 12,3%
FERRIC CHLORIDE	FERRISOL 90, 100, 140	FeCl ₃	Fe ³⁺ 9%, 10%, 14%
FERROUS CHLORIDE	FERROSOL 90	FeCl ₂	Fe ²⁺ 9%
FERROUS SULPHATE HEPTAHYDRATE	FERROSALT 18	FeSO ₄ ·7 H ₂ O	18% w/w Fe ²⁺
FERRIC SULFATE	FERRIX 3, FERRIXSOL 100	Fe ₂ (SO ₄) ₃	Fe ³⁺ 10%, ~ 19,5%
POLYALUMINIUM HYDROXYDE CHLORIDE	PAC NORMAL / H.B.	Al(OH)aClb	Al ²⁺ O ³ 9-18%
ALUMINIUM SULPHATE	ALUSALT 18, ALUSOL 40, 45-50	Al ₂ (SO ₄) ₃ ·14H ₂ O, Al ₂ (SO ₄) ₃	Al ²⁺ O ³ 7 %, 9% 18%
SODIUM ALUMINATE	SODAL	Na ₂ O Al ₂ O ₃ ·nH ₂ O	Al ²⁺ O ³ 10% -24%
SPECIAL MIXTURE OF COAGULANTS	POLYPAC	-	Al ²⁺ O ³ 10%
ANIONIC POLYELECTROLYTES	VARIOUS	-	-
CATIONIC POLYELECTROLYTES	VARIOUS	-	-
NON - IONIC POLYELECTROLYTES	VARIOUS	-	-
DISINFECTANTS - BIOCIDES			
SODIUM HYPOCHLORITE	SODIUM HYPOCHLORITE	NaClO	Cl ₂ ≥12 %
SODIUM CHLORITE	SODIUM CHLORITE	NaClO ₂	7,5%, 25%, 31%, 35%
CHLORINE	CHLORINE	Cl ₂	> 99.9 %
SODIUM CHLORATE	SODIUM CHLORATE	NaClO ₃	98%
HYDROGEN PEROXIDE	HYDROGEN PEROXIDE	H ₂ O ₂	35%, 50%
ACIDS AND BASES			
HYDROCHLORIC ACID	HYDROCHLORIC ACID	HCl	30-33%, 37%
SULPHURIC ACID	SULFURIC ACID	H ₂ SO ₄	30%, 35%, 40%, 50%, 70%, 97-98%
AMMONIUM HYDROXIDE	AMMONIA	NH ₄ OH	19%, 25%
SODIUM HYDROXIDE	CAUSTIC SODA	NaOH	17-50%, 99%
CALCIUM DIHYDROXIDE	HYDRATED LIME	Ca(OH) ₂	> 90%
SALTS AND AGROCHEMICALS			
FERROUS SULPHATE HEPTAHYDRATE	-	FeSO ₄ ·7H ₂ O	Fe ²⁺ 18%
FERROUS SULPHATE MONOHYDRATE	-	FeSO ₄ ·H ₂ O	Fe ²⁺ 30%
CALCIUM CARBONATE	CALCIUM CARBONATE	CaCO ₃	98,6 %
SODIUM CARBONATE	SODA ASH (DENSE & LIGHT)	Na ₂ CO ₃	≥ 92 %
TRISODIUM PHOSPHATE	TSP	Na ₃ PO ₄	≥ 68%
SODIUM HEXAMETAPHOSPHATE	SHMP	(NaPO ₃) ₆	> 97%
FILLMAG	FILLMAG	-	12 16% Fe ²⁺
COPPER SULPHATE	-	CuSO ₄ ·5H ₂ O	-
GOLF Fertilizers	-	-	-
SODIUM METABISULFITE	SODIUM METABISULFITE	Na ₂ S ₂ O ₅	30%, 40%, 98%
CARBON DIOXIDE	SODA LIME	mix Calcium & Sodium Hydroxide	Cu ²⁺ 25%
AMMONIUM NITRATE	AMMONIUM NITRATE	NH ₄ NO ₃	34,4 %
CALCIUM NITRATE	NITRASVESTSOL 50	Ca(NO ₃) ₂	50%
SODIUM HYDROGEN CARBONATE	SODIUM BICARBONATE	NaHCO ₃	99%
SODIUM HYDROGEN SULPHIDE	SODIUM HYDROGEN SULPHIDE	NaHS	40 %, 70-72%
SODIUM HYDROGEN SULPHATE	SODIUM HYDROGEN SULPHATE	NaHSO ₄	94,5 - 98,5 %
UREA	REDUNOX / UREA	CO(NH ₂) ₂	99%, 40%, 32,5%
AMMONIUM DIHYDROGEN PHOSPHATE	MAP	NH ₄ H ₂ PO ₄	> 98%
MONOCALCIUM PHOSPHATE	MCP	Ca(H ₂ PO ₄) ₂ ·H ₂ O	22%
CALCIUM CHLORIDE	-	CaCl ₂	CaCl ₂ 35%, 77%
SODIUM CHLORIDE	SALT	NaCl	> 99%
MISCELLANEOUS PRODUCTS			
DEIONIZED WATER	DEIONIZED WATER	H ₂ O	Conductivity ≤ 0,5 µs/cm
DEFOAMING AGENT	DEFOAMING AGENT	NON SILICONE, SILICONE	-
ANTISCALE AGENT	ANTISCALE AGENT	-	-
BACTERIA & BIOTECH PRODUCTS	-	-	-
MEDIA FILTER			
ANTRACITE	-	-	C > 90%
ACTIVATED CARBON	-	C	-
SILICA SAND	-	-	SiO ₂ > 97%