



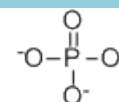
Product Specification

cdhfinechemical.com

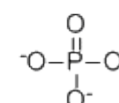
tri-CALCIUM PHOSPHATE

PRODUCT CODE	042570
SYNONYMS	Calcium phosphate tri-basic.
C.I. NO.	--
CASR NO.	7758-87-4
ATOMIC OR MOLECULAR FORMULA	Ca₃(PO₄)₂
ATOMIC OR MOLECULAR WEIGHT	310.18
PROPERTIES	Soluble in acids, insoluble in water, alcohol and acetic acid. Nonflammable.

Ca²⁺



Ca²⁺



Ca²⁺

PARAMETER	LIMIT
Description	White amorphous powder.
Solubility	Practically insoluble in water. Soluble in dilute HCl and dilute nitric acid.
Minimum Assay (Complexometric)	90.0%
Particle size (Passing through 230 mesh)	~ 98%

MAXIMUM LIMIT OF IMPURITIES	
Loss on ignition (at 800°C)	8.0%
Water (H ₂ O)	2.5%
Substance Insoluble in HCl	0.1%
Carbonate (as CO ₂)	Passes test.
Chloride (Cl)	0.1%
Sulphate (SO ₄)	0.5%
Arsenic (As)	0.0002%
Iron (Fe)	0.04%
Lead (Pb)	0.003%

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements: Causes mild skin irritation. Causes eye irritation. Toxic to aquatic life with long lasting effects. Precautionary statements: Prevention: Wash hands thoroughly after handling. Response: If skin irritation occurs, seek medical advice/ attention. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	IMDG Code : UN No. : IATA :
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Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :  GHS09
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Replace Date-29-May-2023