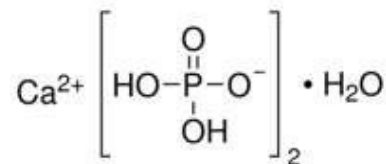




CALCIUM PHOSPHATE MONO BASIC

PRODUCT CODE	R08097
SYNONYMS	(Calcium Dihydrogen Phosphate)
C.I. NO.	--
CASR NO.	10031-30-8
ATOMIC OR MOLECULAR FORMULA	Ca(H₂PO₄)₂·H₂O
ATOMIC OR MOLECULAR WEIGHT	252.08
PROPERTIES	--



PARAMETER	LIMIT
Description	White crystalline powder.
Minimum assay (on anhydrous basic)	95%
P ₂ O ₅ content (on anhydrous substance)	55.5 -61.1%
CaO content	22.26 – 24.8%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying	1.0%
Loss on ignition	25.0%
Arsenic (As)	0.0003%
Fluoride (F)	0.003%
Lead (Pb)	0.002%
Mercury (Hg)	0.0001%
Cadmium (Cd)	0.0001%

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

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code : --

UN No. : --

IATA : --

Hazard Pictogram(s) :



GHS05

GHS07

Replace Date 1 April 2023

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