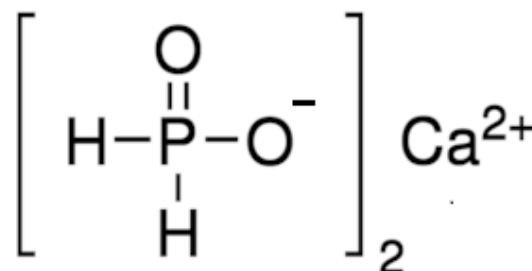


GC FOSCA

Calcium phosphinate

Chemical Formula $\text{Ca}(\text{H}_2\text{PO}_2)_2$
Molecular Weight 170.05 g/mol
CAS Number 7789-79-9



GC FOSCA is a flame retardant used in halogen-free formulations. **GC FOSCA** is a very effective flame retardant with a high thermal and light stability. **GC FOSCA** finds its main application in polyolefins, engineering polymers and materials for the electronics industry.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White powder
Phosphorus Content, %	min. 35.0
Thermal Decomposition, °C	min. 360 (1% loss of drying)
Volatiles, % (w/w)	max. 0.5

HANDLING AND STORAGE:	The processing and use of GC FOSCA requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC FOSCA has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.
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PACKAGING:	Standard packaging size of GC FOSCA is in 25 Kg in plastic bags.
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IMPORTANT NOTE	Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before to use the products, please be informed. Machine stop at high temperature could create degradation of polymers. Please clean with neutral polymers.
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DISCLAIMER:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improperly use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.