



Technical Data Sheet

Phosphoric Acid

Product Information

Product Name	Phosphoric acid food grade 85%
Commodity	PA
Molecular formula	H3 PO4
Molecular weight	97.97
H.S.Code	28092011
CAS No.	7664-38-2
UN Number	1805
Dangerous Class	8

Technical Specification

Food grade - 85%

Content by wt/%	85 min
Color / Hazen	10 max
Arsenic as As by wt/%	0.0005 max
Fluoride as F by wt/%	0.001 max
Heavy metals as Pb by wt/%	0.0005 max
Easily oxidized substances by wt/%	0.012 max
Density/gcm ⁻³	1.68

Packing, loading and storage Information

35kg plastic drums	Without pallet: 760 drums (26.6mt) /20'fcl On pallets: 736drums (25.76mt)/ 20'fcl
1600kg IBC containers	16 IBC (25.6mt) per 20'fcl
330kg plastic drums	Without pallet: 76 drums (25.08mt) /20'fcl On pallets: 72 drums (23.76mt)/ 20'fcl
Shelf life	24 months under proper storage condition

* Proper storage condition: Keep container tightly closed, store in dry, cool and ventilated warehouse, avoid direct sunlight and incompatible chemical materials like strong alkali.