Technical Data Sheet

Item Name:

PA 85

PRODUCT INFORMATION

Chinese Name:	磷酸
Commodity Name:	PA 85
Chemical Name:	Phosphoric Acid
Other Name:	Orthophosphoric Acid, Anhydrous Phosphoric Acid
CAS No.:	7664-38-2
Molecular Weight:	97.97
Molecular Formula:	H_3PO_4
UN No.:	1805
DG Class:	8
Packing Group:	III

TECHNICAL SPECIFICATION

Index	Food Grade	Tech Grade
Appearance	Clear transparent liquid	
Color	10 max	30max
Purity by wt %	85 min	85 min
Chloride by wt %	0.0005 max	0.0005 max
Sulphate by wt %	0.005 max	0.005 max
Iron as Fe by wt %	0.002 max	0.002 max
Heavy metal, as Pb by %	0.0005 max	0.001 max
Arsenic as As by wt %	0.0005 max	0.005 max
Easily oxidized substances by wt %	0.012 max	/
Fluoride as F by wt %	0.001 max	/
Density by g/L	1685	1685

PACKING, LOADING AND SHELF LIFE

Packing: 35kg / 330kg drum, 1600kg IBC
Loading: 26.6mt/20'fcl (35kg drum) / 25.76mt/20'fcl (35kg drums on pallets), 25.08mt/20'fcl (330kg drum) / 23.76mt/20'fcl (330kg drums on pallets), 25.6mt/20'fcl (1600kg IBC)
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.