

PRASOL CHEMICALS LIMITED



PRASOL

PRODUCT DATA SHEET / CERTIFICATE

PHOSPHORUS PENTOXIDE

Grade	: Technical Grade	Spec. No.	: PPO/2008-09
Form	: Powder	CAS No.	: 1314-56-3
Other Trade Name	: Phosphoric Anhydride Diphosphorus Pentoxide	UN No.	: 1807
HS Code	: 2809.1000	Packing Group	: II
Chemical Formula	: P ₂ O ₅	Hazard Class	: 8
Molecular Weight	: 141.95		
Product Description	: White Hygroscopic Powder Production Plant accredited to ISO 9001-2008		

Specifications	: Parameters	Units
Melting Point	: 340	°C
P2O5 Content	: 99 Min	%
P2O3 Content	: 0.3 Max	%
Heavy Metals	: 5 Max	ppm
Fe Content	: 5 Max	ppm
Arsenic or Arsenic Compound NO3+	: 10 Max : 0.001 Max	ppm %
NH4+	: 0.001 Max	%
Cl	: 0.001 Max	%

Packing : 25 / 100/ 200 Kgs in HDPE drums with LDPE liner

Safety & Handling : Refer Material Safety Data Sheet.

Applications : Used as a dehydrating agent (most effective dehydrating agent below 100°C),
Used in manufacture of Phosphorus oxychloride & Phosphoric acid.
Used as an intermediate for phosphate esters, which are used as Surfactants,
hydraulic fluids & plasticizers.
Used as an important Raw material for much organic synthesis to manufacture
Phosphorus compound

Technical Service : For technical assistance, pricing & further information, please contact us at
E-mail - inquiry@prasolchem.com, sales@prasolchem.com.

Disclaimer

Information herein is given in good faith. Prasol Chemicals Ltd. Makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purpose prior to use. Prasol Chemicals Ltd. shall not be responsible for damages of any nature whatsoever resulting from the use or reliance upon this information. The data provided are based on samples tested and are not guaranteed for all samples or applications. Such data are intended as guides only. No representations or warranties for a particular purpose or any other nature are made with respect to this information or the product

Office: PRASOL HOUSE, Plot No. A-17/2/3, T. T. C. Ind. Area, Khairne M. I. D. C., Navi Mumbai - 400 710. India.

Tel : [+91-22] 2778 2555, Fax : [+91-22] 2778 2430

E-mail: inquiry@prasolchem.com, sales@prasolchem.com. Website: www.prasolchem.com