



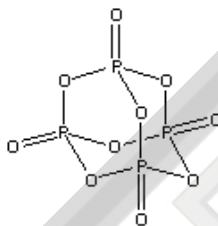
TECHNICAL DATA SHEET

NAME OF COMMODITY: PHOSPHORUS PENTOXIDE

CAS NO.: 1314-56-3

MOLECULAR FORMULA: P_2O_5

MOLECULAR WEIGHT: 141.94



STRUCTURE FORMULA:

TESTS	SPECIFICATIONS
APPEARANCE	WHITE POWDER
CONTENT %	99 MIN
INSOLUBLE SUBSTANCE IN WATER %	0.02 MAX
FE PPM	20 MAX
HEAVY METAL PPM	20 MAX
AS PPM	80 MAX
P ₂ O ₃ %	0.02 MAX

PROPERTIES:

It is white crystal or un-firm powder tasteless.

It is very easy to deliquescence and changes into phosphoric Acid if explored in high humidity air, this reaction will take place a great deal of smoke and heat .

It is strong corrosive and toxic.

When it is stored with organic materials could cause burning.

APPLICATION:

Used as a desiccant, dehydrator, in the production of phosphoric acid, phosphorus compounds, etc.

Also used for the preparation of high-purity phosphoric acid.

INSTRUCTIONS DURING TRANSPORTATION:

All drums must be kept in good condition and stored in clean and dry warehouse, It should not be shipped and stored with organic substances.

PACKING: net 25kg drum, 50kg drum or 200kg drum

SHELF LIFE: 12 months