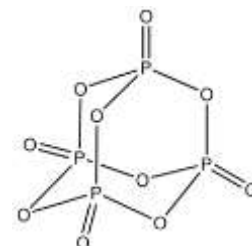


## di-PHOSPHOROUS PENTOXIDE AR/ACS

PRODUCT CODE	609755
SYNONYMS	(Diphosphorouspentoxide AR) ,(Phosphoric anhydride AR)
C.I. NO.	--
CASR NO.	(1314-56-3)
ATOMIC OR MOLECULAR FORMULA	P <sub>2</sub> O <sub>5</sub>
ATOMIC OR MOLECULAR WEIGHT	141.94
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
Description	White deliquescent crystals / crystalline powder.
Solubility	Soluble in water, producing large amount of heat.
Minimum Assay( Acidimetric )	98.0%

### MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.001%
Ammonium (NH <sub>4</sub> )	0.002%
Arsenic (As)	0.005%
Nitrate (NO <sub>3</sub> )	0.002%
Cadmium (Cd)	0.0005%
Lead (Pb)	0.005%
Iron (Fe)	0.001%
Manganese (Mn)	0.001%
Reducing Substances	0.02%

**Note(s):** Assay (if applicable) method mentioned.

### DANGER

**Hazard statements:** Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates.

### Precautionary statements

**Prevention:** Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code : 8/II  
UN No. : 1807  
IATA : 8

### Disposal:---

Hazard Pictogram(s) :--



GHS05

Replace Date 29-Jan-2026