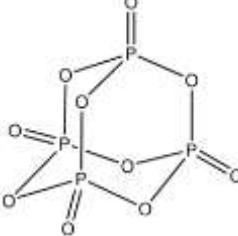


di-PHOSPHOROUS PENTOXIDE AR/ACS

PRODUCT CODE	609755
SYNONYMS	(Diphosphorouspentoxide AR),(Phosphoric anhydride AR)
C.I. NO.	--
CASR NO.	(1314-56-3)
ATOMIC OR MOLECULAR FORMULA	P ₂ O ₅
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 ₄)	0.002%
Arsenic (As)	0.005%
Nitrate (NO ₃)	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.	IMDG Code : 8/II UN No. : 1807 IATA : 8
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: IF 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.	
Disposal: ---	
Hazard Pictogram(s) :--	

Replace Date 29-Jan-2026