



Product Specification

PERIODIC ACID AR FOR HISTOCHEMICAL POLYSACCHARINE ANALYSIS

PRODUCT CODE	605275
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10450-60-9)
ATOMIC OR MOLECULAR FORMULA	H ₅ IO ₆
ATOMIC OR MOLECULAR WEIGHT	227.94
PROPERTIES	Hygroscopic; decomposes at 130°C; loses 2HOH at 100°C.



PARAMETER	LIMIT
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Description	White crystalline powder (turns pale yellow on atmospheric exposure).
Solubility	10% solution in water is clear and colourless to almost colourless.
Minimum Assay (Iodometric)	99.0%

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Chloride (Cl)	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Copper (Cu)	0.0001%

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

DANGER

Hazard statements : May intensify fire; oxidizer. Causes severe skin burns and eye damage

Precautionary statements

Prevention : Take any precaution to avoid mixing with combustible or incompatible materials. Do not breathe dust or mist. Keep away from heat. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

Response : Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove /take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Disposal: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water.

Hazard Pictogram(s) :-



Oxidising



Corrosive to metals

IMDG Code : 5.1/II

UN No. : 3085

IATA : 5.1