

OXONE

PRODUCT CODE	178250
SYNONYMS	Potassium Peroxy Monosulphate
C.I. NO.	--
CASR NO.	70693-62-8
ATOMIC OR MOLECULAR FORMULA	HKO_5S. $0.5\text{HKO}_4\text{S}$. $0.5\text{K}_2\text{O}_4\text{S}$
ATOMIC OR MOLECULAR WEIGHT	307.38
PROPERTIES	--

PARAMETER	LIMIT
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Description	White crystals or powder.
Solubility	100 mg soluble in 1 ml of water.
pH (1% in water at 20°C)	2.00 - 3.00
Active Oxygen (Iodometry)	Min. 4.00%

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

DANGER

Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.

Disposal: The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. Add bromine/iodine/inorganic peroxide/oxidants to be disposed to large amount of water and then make harmless by addition of acidic sodium thiosulphate solution.

IMDG Code : 5.1/II
UN No. : 1490
IATA : 5.1

Hazard Pictogram(s) :-

