

Potassium Persulphate

CAS No.7727-21-1

 $K_2S_2O_8$

M.W. 270.3

Product Data Sheet

PDS-KPS-R6

Effective 01/04/2004

Appearance	:	White finely crystalline powder.
Specifications	:	Assay as $K_2S_2O_8$: 99.0% w/w (Minimum) Active Oxygen : 5.86% w/w (Minimum) Iron as Fe : 0.0005% w/w (Maximum) pH of 5% Solution : 3 – 7
Physical Properties	:	Bulk Density (approx.) : 1.2 grams/cc Particle Density : 2.47 grams/cc Approx. Solubility in 100 grams water : 5.2 grams at 20° C 8.7 grams at 30° C 12.5 grams at 40° C
Packing	:	25 Kg nett laminated HDPE woven bags with LDPE inner bag. FCL (20') Load: 1 MT x 20 pallets, stretch-wrapped.
Stability	:	Stable compound if stored as recommended. Shelf life 12 months under normal conditions. Decomposes above 60° C
Storage & Handling	:	Store in cool dry place away from direct sunlight and source of heat. Keep away from organic and readily oxidizable materials. In case of spillage flush with <i>plenty</i> of water.
Uses	:	As a polymerization initiator in - Acrylic fibre - Styrene butadiene rubber/latex - ABS plastics - PVA /Acrylic emulsions As an oxidizing agent in: - Bleaching and hair preparations - Soap manufacture - Drug intermediates manufacture - De-sizing of textiles / screens
Shipping Information	:	UN No.1492 UN Packing : Group III EINECS No. 231-781-8 EC Index No. 016-061-00-1 IMCO Classification : 5.1 Oxidizing Substance Proper Shipping Name: Potassium Persulphate

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