

Potassium Persulphate KPS-5

With 0.5% Fumed Silica

 $K_2S_2O_8$

M.W. 270.3

Product Data Sheet

PDS-KPS-5-R3

Effective 01/08/2004

Appearance	:	White finely crystalline powder.		
Specifications	:	Assay as $K_2S_2O_8$:	98.5% w/w (Minimum)
		Active Oxygen	:	5.84% w/w (Minimum)
		Fumed Silica	:	0.5% w/w Added
		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
		Typical Particle Analysis	:	0 – 1% > 200 microns
				80-100% < 100 microns

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	:	This product is particularly suited for use in hair bleach formulations because of its fine particle size and free-flow characteristics.		
-------------	---	--	--	--

Shipping Information	:	UN No.1492	:	UN Packing : Group III
		CAS No.7727-21-1	:	
		EINECS No. 231-781-8	:	EC Index No. 016-061-00-1
		IMCO Classification	:	5.1 Oxidizing Substance
		Proper Shipping Name:	:	Potassium Persulphate

Committed to Better Chemistry