

**Ammonium Persulphate**

CAS No. 7727-54-0

 $(\text{NH}_4)_2\text{S}_2\text{O}_8$ 

M.W. 228.2

**Product Data Sheet**

PDS-APS-R1

Effective 01/04/2004

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<b>Appearance</b>	:	White crystals
<b>Specifications</b>	:	Assay as $(\text{NH}_4)_2\text{S}_2\text{O}_8$ : 99.0% w/w (Minimum) Active Oxygen : 6.94% w/w (Minimum) Iron as Fe : 0.001% w/w (Maximum) PH of 5% Solution : 3 - 7
<b>Physical Properties</b>	:	Bulk Density (approx.) : 1.1 grams/cc Particle Density : 1.98 grams/cc Solubility gms/litre Solution (indicative) : 550 at 10° C 620 at 20° C 700 at 40° C
<b>Packing</b>	:	25 Kg nett laminated HDPE woven bags with LDPE inner bag. FCL (20') Load: 1 MT x 20 pallets, stretch-wrapped.
<b>Stability</b>	:	Stable compound if stored as recommended. Decomposes above 60° C.
<b>Storage &amp; Handling</b>	:	Store in cool dry place away from direct sunlight and source of heat. Keep away from organic materials and readily oxidizable materials. Slightly hygroscopic; keep container closed. In case of spillage flush with <i>plenty</i> of water.
<b>Uses</b>	:	As a polymerization initiator for - Vinyl acetate - Acrylic monomer - Vinyl chloride - Acrylonitrile, butadiene, styrene As an oxidizing agent in: - Bleaching and hair preparations - Paper industry (modification of starch, re-pulping) - Drug intermediates manufacture - De-sizing of textiles / screens - Metal treatment
<b>Shipping Information</b>	:	EINECS No. 231-786-5 IMO Classification: 5.1 Oxidizing substance UN No. 1444 Packing Group III EmS No. 5.1-06 MFAG Table No. 725

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