## Summary Technical Data Sheet

## Sodium Persulfate 35% Soln.

**Product Name:** Sodium Persulfate 35% Soln.

**CAS Number:** Sodium Persulfate 7775-27-1

**Formula:** Sodium Persulfate $Na_2S_2O_8$

**Appearance:** clear colorless liquid

**Solubility:** miscible with water

**Product Specifications**

| Properties | Specifications |
|---|---|
| Heavy Metal (Pb) | ≤ 0.0010 % |
| Iron (Fe) | ≤ 0.0010 % |
| Manganese | ≤ 0.0001 % |
| Chloride and Chlorate | ≤ 0.005 % |
| Ammonium Salt | ≤ 0.05 % |

Sodium Persulfate 35% Soln. is a solution of Sodium Persulfate in water, which is used as an oxidizer and bleaching agent. Sodium Persulfate is an efficient and economical oxidizing and bleaching agent with applications in detergents, cosmetics, metal finishing, and environmental remediation.

Sodium Persulfate is an important component of etching mixtures for zinc and printed circuit boards, as well as pickling of copper, nickel, and titanium. Sodium Persulfate is used in the development of dyestuffs and desizing and bleaching of textiles. Sodium Persulfate functions as a radical initiator for emulsion polymerizations of styrene based polymers, such as Acrylonitrile Butadiene Styrene, Poly(vinyl chloride), Acrylics.

It is also used in environmental remediation for soil, groundwater and wastewater.

**Storage and Handling**: Keep containers tightly closed in a cool, dark, ventilated place.

**Packaging:** 20 L

**Transport Regulations:** UN3216. Class 5.1. Packing Group III.

UN proper shipping name: Persulfate, Inorganic, Aqueous Solution, n.o.s., (Sodium Persulfate)

*The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.*
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**440 Passmore Avenue, Toronto, Ontario M1V 5J8 Phone: 416-754-7211 www.aquabond.ca**