



PRODUCT DATA

PurDOX™

Description:

Sodium Chlorate and Hydrogen Peroxide Solution for, Disinfection and Oxidation Applications.

Typical Analyses:

Basic Material	
Sodium Chlorate, NaClO ₃	39.3 – 40.7%
Hydrogen Peroxide, H ₂ O ₂	8.2 – 9.2%
Specific Gravity	ca. 1.35 – 1.38 @20°C
Density	ca. 11.4 lbs/gal
pH	4.5 – 4.7
Iron	≤ 3 mg/L

Physical Properties:

Appearance	Clear Liquid
Boiling Point	Approximately 104 °C
Solubility in Water	Miscible

Typical Applications:

Bleaching:

Pulp and Paper
Textile Dyestuff
Fats & Oils
Natural Foliage
Leather

Industrial Disinfection:

Textile Processing Water
Gas & Oil Water & fluids
Agricultural Water

Wastewater/Chemical Oxidation:

Sulfide Destruction
Reduced Sulfur Destruction
Mercaptan (Thiol) Destruction
Phenol Destruction
Cyanide Destruction

Approvals/Certifications:

NSF/ANSI/CAN 60 Drinking Water Additive Certified

Caution:

Read Safety Data Sheet before using this product.

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