



TECHNICAL BULLETIN
SODIUM BISULPHITE, 34% SOLUTION

IDENTIFICATION:

Name of product	Sodium bisulphite, aqueous
Synonyms	Sodium hydrogen sulphite Sodium pyrosulphite
Formula	NaHSO ₃
Molecular Weight	104.07
C.A.S. Number	7631-90-5

SHIPPING INFORMATION:

DOT ID Number	UN 2693
DOT Classification	Corrosive
Packing Group	III
Shipping Name	Bisulphites, aqueous solutions, n.o.s.
Containers	Tank car, tank truck, and drums

TYPICAL ANALYSIS:

Appearance and odor	Pale yellow, clear liquid; pungent sulfur dioxide odor
Assay, % NaHSO ₃	33.0 - 35.0
pH @ 70°F	4.0 - 5.0
Density @ 70°F, lbs/gal	10.50
Iron, as Fe - ppm	Less than 5
Heavy metals, as Pb - ppm	Less than 5

MARKETS AND USES:

- Chemical waste treatment
- Enhanced oil recovery
- Manufacturing of chemicals
- Photographic processing
- Pulp and paper
- Waste water treatment

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