

PRODUCT DATA SHEET

HY-BRITE®

Description

A series of proprietary bleaching products, based on sodium hydrosulphite, and containing stabilising, chelating and pH buffering agents, to maximise performance.

Specially formulated for the paper pulp industry, for reductive bleaching and colour stripping, the product gives more stable solutions and greater bleaching effectiveness than standard hydrosulphite powders.

Common Characteristics

Synonym	Sodium Hydrosulphite		
Formula	Na ₂ S ₂ O ₄		
Molecular Weight	174.11		
International codification	CAS: 7775-14-6	EINECS: 231-890-0	
	Customs Tariff: 2831.10.00		

Product Characteristics

Appearance	White crystalline powder
Chemical properties	Specifications (%)
Na ₂ S ₂ O ₄	69-80
Na ₂ CO ₃	6-18
Chelating Agent	2-5
Physical properties	
Density	1.2-1.3 g/cm ³
Solubility (water 20°C)	~225 g/l
pH 1% solution	8-9
Hazards	Classified as "Harmful" because of sodium hydrosulphite content. See separate MSDS.

Packing and Storage

Packing	2000 kg aluminium Intermediate Bulk Containers (IBC's). All packaging U.N. approved.
Storage	In its original packing in a cool and dry place, away from acids and oxidisers. Ensure partially used drums are re-closed properly.