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PRODUCT DATA SHEET

HYDROS[®] F

Description

HYDROS[®] F is the standard Silox high strength hydrosulphite product.
It is made by the modern formate process giving it rapid solubility and freedom from heavy materials.

Product Characteristics

Specification	
Sodium dithionite	87.0 – 91.0 %
Typical analysis	
Sodium dithionite	88.0 – 90.0 %
Sodium metabisulphite	5.0 – 7.0 %
Sodium thiosulphate	0.7 – 1.1 %
Sodium carbonate	0.3 %
Sodium formate	0.4 – 0.8 %
Trace metals	Below 10 ppm
Properties	
Appearance	Fine, white, free flowing powder.
Bulk density	Approx 1.15 – 1.20 kg/l packed.
Solubility at (20° C)	Approx 20 % w/w, 220 – 260 g/l.
pH of solution (1 % in water)	Initially 6 – 8
Hazards	Classified as "Harmful" under CHIP 94 Regulations (as amended). See separate MSDS

Packing and Storage

Packing	<ul style="list-style-type: none"> . 50 kg non-returnable steel drums with polyethylene liner. . 2000 kg aluminium Intermediate Bulk Containers (I.B.C's). All package U.N. approved.
Storage	Store in cool, dry conditions away from acids, oxidising agents and combustible materials (see separate comprehensive Handling and Safety Bulletin).