Summary Technical Data Sheet

Chrome Sulphate

Product Name: Chrome Sulphate
Synonyms: Chrome sulfate
Chromium sulfate basic
Chromium hydroxide sulfate
Trisurfin
CAS Number: 12336-95-7
Formula: $Cr(OH)_m(SO_4)_n \ xH_2O$
Molecular weight: 165.07 g/mol
Grade: Technical
Appearance: dark green powder
Solubility: soluble in water

Product Specifications

Properties	Specifications
Cr, as $Cr_2(SO_4)_3$	≥ 65.0 %
Na, as Na_2SO_4	25.0- 26.0 %
Moisture	7.0-10.0 %
Insoluble matter	≤ 0.1 %
pH (15g/250mL water)	2.8-3.2
Hexavalent Chromium	Not detected
Iron, Fe	≤ 0.0020 %

Chrome Sulphate (Trisurfin) is an inorganic chromium hydroxyl sulphate designed for metal finishing applications. Chrome Sulphate is a trivalent chromium complex that is used in baths for metal plating for decorative purposes. Chrome Sulphate is used in chrome plating, as an alternative source of chrome instead of Cr (VI).

Chrome Sulphate has applications as a metal plating additive, leather tanning agent, chromium complexing agent, analysis reagent, mordant, glazing agent, waterproofing agent. Chrome Sulphate has applications in different industries, including metal finishing, paint and ink, printing and dyeing, photography, leather, drilling, and ceramics. Chrome sulphate is also a raw material for the production of other chromium compounds.

Storage and Handling: Store in a cool, dry and well-ventilated place and in a tightly closed container. Avoid moisture. Keep away from incompatible substances.

Packaging: 55 lb / 25 kg bag

Transport Regulations: UN 3260, Hazard Class 8, Packing Group II.

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.

Aqua Bond Inc. · PO Box 63635, Toronto, ON M1V 5K2·Tel. 416·754·7211·www.aquabond.ca