



Dry Copper Sulfate PRODUCT DATA SHEET

CHARACTERISTICS

Dry Copper Sulfate is an odorless, blue colored crystal. It is an algacide suitable for source water and municipal water treatment applications.

TYPICAL PROPERTIES

Formula:	Copper (II) sulfate pentahydrate	
C.A.S.	7758-98-7 (Cupric sulfate)	
	Specific Gravity @ 70°F (21°C)	2.284
	Melting Point (approx.)	230°F (110°C)
	Solubility in Water, %	22.4 at 32°F (0°C)
		118 at 212°F (100°C)
	Particle Diameter (Small), mm	1 - 4
	(Medium), mm	4 - 8
	Copper (II) Sulfate Pentahydrate, %	99
	Soluble Cupric Iron (Cu ⁺²), %	25

PRODUCT USES

Algae control. Disinfection byproduct control.

SHIPPING CONTAINER

50 lb. bag

SHIPPING REGULATIONS

DOT Classification: Environmentally Hazardous Substances, Solid, N.O.S. (Contains Cupric Sulfate)
Hazard Class: 9 DOT ID Number: UN 3077 Packing Group: III
RQ = 10 Lbs. (CASRN formula basis)

PRODUCT SAFETY INFORMATION

Dry Copper Sulfate may cause irritation to the skin, eyes and respiratory tract. Avoid contact with skin, eyes and clothing. Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions. Such information may be found in the **Material Safety Data Sheets (MSDS)** for these products or you may contact General Chemical Technical Service. In the event of an emergency with these products, call the 24 hour **Emergency Number: USA (CHEMTREC) 800-424-9300** or **Canada (CANUTEC) 613-996-6666**. For additional information contact:

Syracuse Technical Center
(315) 478-2323
(800) 255-7589 Outside NY

Water Chemicals Group
(973) 515-0900
(800) 631-8050 Customer Service

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