



Liquid Copper Sulfate, 25% PRODUCT DATA SHEET

CHARACTERISTICS

Liquid Copper Sulfate, 25% is an odorless, clear, blue colored liquid. It is an algacide suitable for source water and municipal water treatment applications.

**NSF/ANSI/CAN Standard 60: Drinking Water Chemicals - Health Effects; Certified
US EPA Registration No. 83918-4**

TYPICAL PROPERTIES

Formula:	Aqueous solution of copper (II) sulfate	
C.A.S.	7758-99-8 (Cupric sulfate pentahydrate)	
	pH (neat)	2.0 - 2.1
	Specific Gravity @ 21°C (70°F)	1.18
	Freezing Point (approx.)	-2°C (28°F)
	Density, lbs./gal., US	9.84
	Copper (II) Sulfate Pentahydrate, %	24 - 26
	Soluble Cupric Iron (Cu ²⁺), %	6.1 - 6.6

PRODUCT USES

Algae control. Disinfection byproduct control.

SHIPPING CONTAINERS

Bulk transport 275 US gal. one way container 55 US gal. plastic drum

SHIPPING REGULATIONS (US DOT / TDG)

Classification: Environmentally Hazardous Substances, Liquid, N.O.S. (Contains Cupric Sulfate)
Hazard Class: 9 ID Number: UN3082 Packing Group: III
The EPA reportable quantity (RQ) for sulfuric acid is 1000 lbs.

PRODUCT SAFETY INFORMATION

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, and eye protection. 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 **Safety Data Sheets (SDS)** for these products or you may contact Chemtrade at 416-496-5856. In the event of an emergency with these products, call the 24-hour **Emergency Number:**

USA and Canada (CHEMTREC) 800-424-9300.

For additional information contact:

Syracuse Technical Center
315-478-2323 or 800-255-7589

Water Treatment Chemicals
Customer Service 844-204-9675