



Aqua-Ox™ 446

PRODUCT DATA SHEET

CHARACTERISTICS

Aqua-Ox™ 446 is an odorless, dark purple colored liquid. It is an algaecide suitable for source water and municipal water treatment applications.

NSF/ANSI Standard 60: Drinking Water Chemicals - Health Effects; Certified

TYPICAL PROPERTIES

| | | |
|--|---|-------------|
| Formula: | Aqueous solution of copper (II) sulfate and sodium permanganate | |
| C.A.S. | 7758-98-7 / 10101-50-5 (Cupric sulfate / Sodium permanganate) | |
| pH (neat) | | 2.0 - 3.0 |
| Specific Gravity @ 70°F (21°C) | | 1.13 - 1.15 |
| Freezing Point (approx.) | | 27°F (-3°C) |
| Density, lbs/gal., U.S. | | 9.43 - 9.60 |
| Copper (II) Sulfate Pentahydrate, % | | 19 - 21 |
| Soluble Cupric Iron (Cu ⁺²), % | | 4.8 - 5.3 |
| Sodium Permanganate (NaMnO ₄), % | | 4 |

PRODUCT USES

Algae control. Disinfection byproduct control.

SHIPPING CONTAINERS

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

SHIPPING REGULATIONS

DOT Classification: Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Cupric Sulfate)
Hazard Class: 9 DOT ID Number: UN 3082 Packing Group: III

PRODUCT SAFETY INFORMATION

Aqua-Ox™ 446 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