

## Product Data Sheet

Date: 02/23/05  
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**PRODUCT #: N7220**

# ***METALTREAT 5000***

## Metal Precipitant

**DESCRIPTION:** A highly effective treatment additive for metal precipitation in waste water treatment. **METALTREAT 5000** is formulated for use as a precipitating agent for heavy metals from chelated waste streams. It is very effective at breaking chelate bonds from waste solutions and rinse water.

**BENEFITS:**

- **Concentrated, ready-to-use solution**
- **Effectively removes metals from chelated waste streams**

**SPECIFICATIONS:**

|                            |                         |
|----------------------------|-------------------------|
| <b>Density:</b>            | 1.18 gm/ml, 9.8 lbs/gal |
| <b>pH:</b>                 | 10.8                    |
| <b>Flash Point:</b>        | None                    |
| <b>Active Ingredients:</b> | 40%                     |

**EQUIPMENT:**

Conical mixing tank with bottom drain and stand, large enough to hold 1½ to 2 times the volume of solution to be treated; industrial mixer with shaft reaching to bottom of mixing tank.

**TREATMENT  
PROCEDURE:**

1. Adjust pH to 8.0 – 8.5.
2. Add **METALTREAT 5000** at 10 mls per gallon and mix for 1 hour.
3. Check copper level, making sure it is well below regulation limits. If not, repeat steps 1 – 3 until desired level is reached.
4. Add anionic polymer and continue mixing for 5 – 10 minutes to form large floc.
5. Allow to settle overnight.
6. Check for copper and lead by atomic absorption.

**CAUTIONS:**

Alkaline material. Avoid contact with skin and eyes. Wear goggles and gloves when handling this product. In case of contact with skin, flush with water. For eye contact, flush immediately with water for 15 minutes and obtain medical assistance. Refer to Material Safety Data Sheet for further information.

**DISPOSAL:**

Dispose of treated material in accordance with all local, state and federal regulations.

This product should be used only for its intended purpose. The information stated above is based on our laboratory tests and experience, and is accurate to the best of our knowledge. Since actual use is beyond our control, the recommendations or suggestions are made without warranty, expressed or implied.