



Product Data Sheet

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PRODUCT #: N722258

METALTREAT 4007

Wastewater Treat Coagulant

DESCRIPTION: When used as a primary coagulant *METALTREAT 4007* is more effective in reducing sludge volume than applying traditional inorganic coagulants such as alum, calcium chloride, ferrous sulfate, etc. *METALTREAT 4007* is mildly acidic, does not depress pH significantly in neutralization tanks and is environmentally preferable, as it does not contain sulfides or carbamates.

BENEFITS:

- **Proprietary, blended product reacts with surface water under a wide range of conditions resulting in improved clarification versus alum.**
- **Highly effective in waters with high organic contents.**
- **Can be used as a primary coagulant, reducing inorganic chemical demand, resulting in decreased sludge volumes.**
- **An environmentally acceptable product. All components are NSF approved.**

SPECIFICATIONS:

Type:	Aluminum sulfate/polymer blend
Form:	Liquid
Charge:	Multivalent cation with cationic polymer
Molecular Weight:	Low/Very high
Density:	10.9 lbs/gal.
Appearance:	Colorless to light straw
Odor:	Slight amine odor

EQUIPMENT:

Tanks: Plastic or lined mild steel
Pumps: Plastic or other non-metal material

PRODUCT USE:

METALTREAT 4007 must be fed as a concentrate. It cannot be added or mixed with coagulants, cationic polymers, anionic polymers, or anti-foam agents.

DOSAGE:

Dosage range will vary based upon charge neutralization demand and conditioning requirements. Use the following as a baseline, then actual conditioning results will dictate the *METALTREAT 4007* demand.

Potable water clarification	5-150 ppm
PWB/Metal finishing acidic solution	100-300 ppm
PWB/Metal finishing alkaline solution	100-500 ppm
Replacing inorganic coagulants	50% coagulant dose
Sludge dewatering aid	20-50 ppm
Emulsion breaking	500-10,000 ppm

CAUTIONS:

Avoid direct contact with material. Do not inhale associated mist, vapors, and/or dust. Wash contaminated clothing before reuse.

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.