

WATER TREATMENT *Solutions*



TEMPEST™



- Effectively removes oil and grease from new HVAC equipment
- Non-foaming formulation
- Concentrated cleaner
- Removes grease to maximize heat transfer efficiency



CARE FOR WORK ENVIRONMENTS®

TEMPEST™

Tempest is a non-chlorinated, non-foaming alkaline cleaner. It is recommended for use in commercial and industrial operations requiring an effective cleaner for removing oils, greases, bio-films, and deposits such as mill scale.

Typically, new pipe contains oils and other process lubricants, along with surface iron from general corrosion. Prior to a system being put into service, this piping must be cleaned to remove these materials so that the surface can properly be prepared for corrosion inhibiting chemicals in water use systems.

As a pre-operational cleaner, Tempest as been shown to be effective in removing oils and mill scales from newly installed piping. This cleaning action prevents corrosion when corrosion inhibitors are properly applied. Additionally, organic deposits, are quickly removed, preventing "sludging" from occurring.

DIRECTIONS FOR USE:

Recommended Dosage for Pre-operational Steam Boilers: Tempest is recommended for pre-operational steam boiler cleaning and should be fed at 30 Gallons per 1000 gallons of system volume.

Please consult your State Chemical representative for boil out procedure and any potential site-specific modifications in the dose rate.

After the addition of Tempest, circulate the water in the system to be cleaned for 24 to 48 hours.

Flush system to drain (observing all Federal, State and local requirements for discharge of alkaline-based solutions).

During the cleaning process, it is possible to break loose larger pieces of mill scale or other material that could clog strainers. Check strainers periodically to make sure they are clear – remove excess debris as required.

Recommended Dosage for new pipe cleaning: Used as a pre-operational cleaner, Tempest should be fed at 1 to 2 gallons per 1,000 gallons of system volume. The following is the general procedure, but can be modified based on your State Chemical representative's recommendation:

- After the addition of Tempest, circulate the water in the system to be cleaned for 24 to 48 hours.
- Flush system to drain (observing all Federal, State and local requirements for discharge of alkaline-based solutions).
- During the cleaning process, it is possible to break loose larger pieces of mill scale or other material that could clog strainers. Check strainers periodically to make sure they are clear – remove excess debris as required.

Please review label and SDS for all product directions, precautions, and first aid information.

TECHNICAL INFORMATION

APPEARANCE: clear

ODOR: mild

PHYSICAL STATE: liquid

pH: approximately 12.5

SOLUBILITY IN WATER: complete

SPECIFIC GRAVITY: approximately 1.20

PACKAGING

110297	55 GL Drum
111367	20 GL Drum
124841	5 GL Pail
111366	1 GL Container/CS4



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