COPPER / BRASS ACID CLEANER

- Formulated as effective cleaner for removing surface oxides and flux residues.
- When used as a brass cleaner leaves the brass bright and clear of any oxides.
- When used as a radiator cleaner it removes flux residues thereby preventing long term corrosion.
- Designed to have no effect on metal removal by precipitation at water treatment.

DESCRIPTION

Superior No. 5700SFM is a concentrated cleaner that is easily diluted with water for removing surface oxidation from copper and brass surfaces. Superior No. 5700SFM removes oxides from brass and copper without forming metal chelates that would later interfere with waste treatment operations. In comparison testing with other copper cleaners, Superior No. 5700SFM has proven superior in its ability to remove hard to clean oxides.

APPLICATIONS

Total immersion is the normal method of Superior No. 5700SFM cleaner application. The cleaner should be in static (no overflow) tanks with at least daily monitoring for cleaner concentration and liquid level adjustment. The optimum temperature for cleaning is 120°F. The cleaning time required at that temperature is usually one minute or less and is dependent on the amount of residue or oxide to be removed.

DIRECTIONS

For Brass Part Cleaning:
- Use Superior No. 5700SFM at a 1:2 cleaner to water dilution ratio.
- Allow parts to stay immersed in cleaner for 1 minute for effective oxide removal.
- Pass the parts through immersion in multiple counterflowing rinse tanks to remove the cleaner.

For Completed Radiator Cleaning:
- Use Superior No. 5700SFM at a 1:6 cleaner to water dilution ratio; heat solution to 120°F.
- Allow parts to stay immersed in cleaner for 1 minute for effective flux residue removal.
- Pass the radiators through immersion in multiple counterflowing rinse tanks to remove the cleaner.
PHYSICAL PROPERTIES

- Appearance: Clear, Blue
- Pounds per Gallon: 9.63
- Kilograms per Liter: 1.15
- Specific Gravity @ 20°C (72°F): 1.153 ± 0.010
- Odor: Mild, sweet

PREPARATION and HANDLING

Superior No. 5700SFM is shipped as a concentrate to be diluted of up to two parts water to one part cleaner by volume for brass cleaning and six parts water to one part cleaner by volume for completed radiator cleaner. For greater strength, lower dilution ratios should be used. Mix well when diluting and check specific gravity with a hydrometer before use. In use after cleaning parts, check solution by titration to ensure solution does not lose cleaning strength. The solution will not separate on standing.

SAFETY PRECAUTIONS

Since Superior No. 5700SFM is an acid cleaner some care has to be taken with regards to what materials it is exposed to. It is recommended that steel, polyethylene, PVC or fiberglass reinforced polyester containers be used. Any machinery or construction materials, which might be exposed to direct contact with the cleaner, should also be able to withstand acid materials.

This product, during handling or use, may be hazardous to health or the environment. Read the Material Safety Data Sheet and warning label before using this product.