



# SUPERIOR NO. 5700SFM



## 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.

*Superior manufactures quality fluxes. Our business is solving problems.*

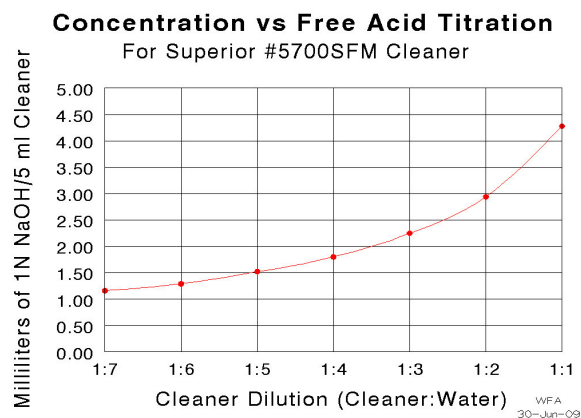
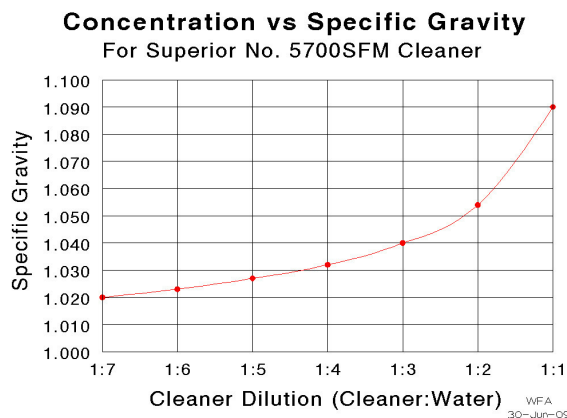


## PHYSICAL PROPERTIES

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.

The information contained herein is based on data considered to be accurate and is intended for use by persons having technical skills at their own discretion and risk. Since conditions of use are outside of Superior Flux & Mfg. Co.'s control, we cannot assume liability for results obtained or damage incurred due to misuse, nor can we assume customer liability.

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& Mfg. Co.**

6615 Parkland Blvd. • Cleveland, OH 44139 • Phone: 440-349-3000 • Fax:  
440-349-3003 www.superiorflux.com • e-mail: info@superiorflux.com