



SUPERIOR Aluminum Cleaner



Aluminum Cleaner for Pre-Soldering Preparation and Post Soldering Cleaning

- Formulated as effective cleaner for removing tenacious aluminum surface oxides.
- An effective cleaner for post soldering aluminum flux residues.
- Easily cleaned with water.
- Non-hazardous product.

DESCRIPTION

Superior Aluminum Cleaner is a non-hazardous, slightly acidic solution that is used for removing tenacious aluminum surface oxides from aluminum alloys prior to applying soldering flux and as an effective It is also can be used as a cleaner to remove aluminum flux soldering residues.

APPLICATIONS

Superior Aluminum Cleaner is used as an initial wash immediately prior to soldering followed by thorough water rinse to ensure complete removal of the Superior Aluminum Cleaner and dissolved surface oxides. It is very important to immediately (within 3 hours) use the cleaned aluminum parts for soldering because over time the oxides for aluminum will begin to build up again on the aluminum surface. The **Superior Aluminum Cleaner** also removes flux residue from metals soldered with aluminum soldering fluxes.

DIRECTIONS

Following are guidelines for using **Superior Aluminum Cleaner**:

- Heat the **Superior Aluminum Cleaner** to 50-55°C.
- Parts are immersed for 45-seconds to 2-minutes in **Superior Aluminum Cleaner** depending on the nature of the residue, part configuration and the amount of visible residues to be removed.
- Alternatively, the hot solution can be wiped over an aluminum surface with a brush or swab.
- Followed by a clean water rinse (at least two water rinses are recommended).
- If soldering is to be done, dry the part then do soldering within 3 hours after cleaning.
- If cleaning flux residues, dry the part.

Superior manufactures quality fluxes. Our business is solving problems.



PHYSICAL PROPERTIES

Appearance	Clear, Colorless
Pounds per Gallon	8.34
Specific Gravity @ 20°C (72°F)	1.000 ± 0.010
Odor	Mild

PREPARATION and HANDLING

Superior Aluminum Cleaner is water based, it is subject to freezing. A minimum storage temperature of 4°C (40°F) is recommended. If frozen the **Superior Aluminum Cleaner** is easily reconstituted by mixing at room temperature. Shelf life is two (2) years from date of manufacture when handles properly and held at 4-25°C (40-77°F)

SAFETY PRECAUTIONS

Even though the **Superior Aluminum Cleaner** is a non-hazardous material, it is slightly acidic therefore some care has to be taken with regards to what materials it is exposed to. It is recommended that 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 acidic 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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