

**FUSION INCORPORATED**

4658 E. 355th St. Willoughby, OH 44094 • Phone (440) 946-3300 • FAX (440) 942-9083
Web: www.fusion-inc.com • e-mail: info@fusion-inc.com

FUZE-CLEAN

Metal Preparation Chemicals

Technical Data: Fuze-Clean FS

Fuze-Clean FS will quickly and effectively dissolve flux residues and heat scale on both ferrous and non-ferrous metals. This material will dissolve the glass-like flux buildup normally found after brazing or soldering, permitting effective part cleaning directly on the production line. Fuze-Clean FS eliminates the problems associated with using strong acids or abrasive processes. In addition, it will remove rust, mill, and heat scale. *

For Fuze-Clean FS to be most effective, heat is required. The most efficient method is to add the material to a water solution in a heated tank, separate from the brazing or soldering machine. **Note: Ultrasonic tank: Concentration, 2 to 4 ounces per gallon @ 120°F.**

Application:

Fuze-Clean FS is supplied as a dry powder and prepared by adding to water in the ratio of 10 ounces to the gallon at a temperature of 165-180°F in a stainless steel, plastic container or lined tank. Immersion in this solution will vary from one to three minutes or longer depending on the type and extent of the flux and heat scale residues. Periodic additions of Flux-Clean FS will maintain the solution at optimum strength (pH 0.5 - 2.5). The amounts of these additions will depend on the number of parts and the volume of the solution used. The cleaning solution should be changed daily or when it has become contaminated by the flux or other residues.

Since Fuze-Clean FS is a complex of acid salts, this material should be handled carefully. It is suggested that a face shield, rubber gloves and apron be worn.

USE ADEQUATE EXHAUST SYSTEMS FOR PROPER VENTILATION

Packaging:

Fuze-Clean FS is available in 10 lb., 45 lb., and 400 lb. containers.

***For brightening of cold rolled steel and castings, Fuze Clean BR is recommended.** This material is virtually the same composition as Fuze-Clean FS, with added brighteners. Post-cleaning operations such as plating and buffing will benefit.