



MINERAL FLUX 1071

FOR THE SOLDERING OF ZINC, COPPER AND COPPER ALLOYS

➤ PRODUCT DESCRIPTION.

Great pickling ability

MINERAL FLUX 1071 has a great pickling power. The wettability is excellent, the eutectic is lowered to a minimum. The flux is stable at high temperature, even under direct flame.

MINERAL FLUX 1071 is highly concentrated. It is safe to use and generates good costs saving.

➤ CHARACTERISTICS - PHYSICO-CHEMICAL PROPERTIES, COMPOUND ELEMENTS.

MINERAL FLUX 1071 has specific composition :

- Acids and mineral acids salts
- Surfactants, inhibitors
- Vapour absorber

COMPOUNDS

Acid and mineral salts in water

PHYSICAL CHARACTERISTICS

- Limpid liquid
- Density at 20°C = $1,300 \pm 0,010$
- pH at 20% = 1

SPECIFICITIES

- Highly concentrated solution
- Excellent wettability
- Stable at high temperature
- High pickling ability

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3 ➤ APPLICATION FIELD.

MINERAL FLUX 1071 is intended for the brazing of cuprous alloys, zinc steel and zinc using binary (Lead/Tin) or Ternary (Lead/Tin/Silver with low ratio of silver) alloys.

4 ➤ DIRECTIONS FOR USE.

CONCENTRATIONS FOR NORMAL USE :

- Core brazing = pure or 50% volume/volume in water
- Torch soldering = pure

The brazing is followed by wiping up with a duster in order to eliminate residual salts to avoid corrosion.

5 ➤ USING CARE AND RECOMMENDATIONS

- Avoid contact with eyes and skin
- Use protection clothes
- Refer to health and safety data sheet also available on our web site (www.stts-flux.com) or contact us directly.