



# HOCUT 1046

## Data Sheet

### SPECIAL EMULSIFIABLE FLUID FOR BRASS AND YELLOW ALLOYES

HOCUT 1046 is an emulsifiable fluid specific for brass and bronze indicated for taps and fittings, which is suitable also for ferrous materials and aluminium alloyes.

The formulation of HOCUT 1046 ensures the absence of stain problems on the pieces, guarantees an excellent surface and makes easier the following operations of chromium and nickel plating.

HOCUT 1046 diluted in water forms stable milky emulsions characterized by an high resistance to the microbiological attack.

HOCUT 1046 has been expressly formulated to be used with water having medium-high hardness.

### CHEMICAL - PHYSICAL CHARACTERISTICS

#### NEAT

Aspect	Dark Amber Fluid
Viscosity at 40°C	69 cSt (typical)
Specific gravity at 15.5°C	0.94 (typical)
Mineral oil content	65% ~

#### EMULSION

Aspect	Milky
pH at 3% distilled water	9.3-9.8

#### Concentration of Use

**TURNING-MILLING-DRILLING**      3%–6%

#### CONCENTRATION DETERMINATION

Refractometric factor                      0.9

### STORAGE

HOCUT 1046 maintains its chemical-physical and technical characteristics if stored in a sheltered place at temperatures ranging -5°C and +40°C for a maximum period of six months.

### HEALTH & SAFETY

No toxic or carcinogenic, teratogenic or mutagenic known materials are contained in HOCUT 1046 such as nitrosamines, phenols, polychlorinated diphenyl, heavy metals, polinuclear hydrocarbons.

For the handling of HOCUT 1046 pay normal care usually given to industrial products.

Though not irritant in solution, long time contact is not recommended.

### WASTE TREATMENT

Not directly dischargeable but subject to emulsion treatment and/or exhausted solutions. Once decantation treatment has been carried out dispose in accordance with local regulations.

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