



SAFKOOL TMC

Boron Free Micro-Emulsion for ERW Tube Manufacturing

SEMI-SYNTHETIC BASE

DESCRIPTION

SAFKOOL TMC is a semi-synthetic metalworking fluid concentrate.

SAFKOOL TMC is formulated with the latest generation of additives to meet the strictest regulatory requirements and provide the best lubricating and cooling performances in addition to tubes protection.

SAFKOOL TMC ensures the cleanliness of the working environment. It contributes to the protection of the machine and sensitive parts without foaming in soft and hard water.

APPLICATIONS

Water emulsifying metalworking fluid concentrate dedicated to steel ERW tube manufacturing operations (including galvanized steels).

ADVANTAGES

- Non foaming
- Excellent lubricating & cooling properties.
- Good separation of tramp oils.
- Optimization of surface finish and endurance.
- Reinforced anticorrosion protection during the storage of the tubes.
- Excellent bio stability in use
- Operator friendly
- Cleanliness of working environment



TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	SAFKOOL TMC
Aspect	-		Limpide
pH	-	NFT 60.193	9.8 at 5 %
Break Point Corrosion	%	IP 287	2
Refractometer Factor	-		1.4
Water Hardness range	ppm		5-500

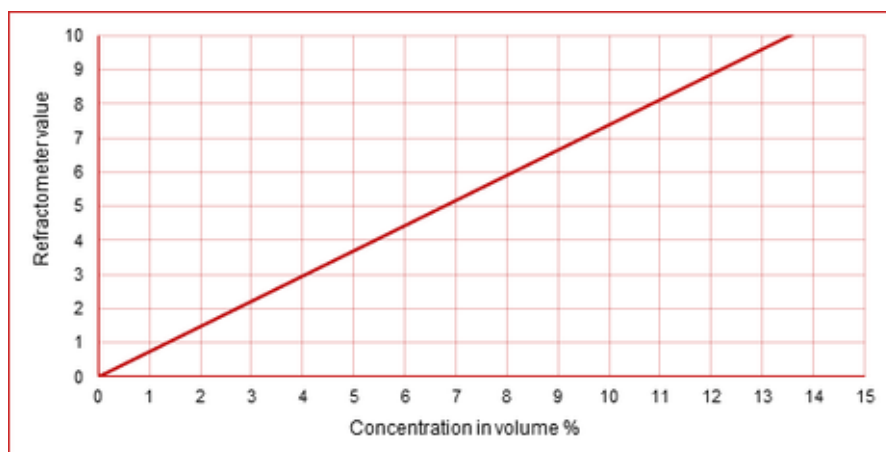
These characteristics are given only for information and can be updated over time.

RECOMMENDED CONCENTRATIONS OF USE

- ERW tube manufacturing: 5-7%

HEALTH AND SAFETY

- Formaldehydes & formaldehydes releasers free
- Boron, nitrites and DEA free, without chlorinated additives
- Operator friendly: good dermatological behavior and easy to use



INSTRUCTIONS

Before first fill, thoroughly clean the installation with an antiseptic such as **Contram CB3**. Drain and rinse the system with water.

If no volumetric mixing system is available, slowly pour **SAFKOOL TMC** into water while stirring continuously to achieve a correct preparation of the emulsion.

To ensure the best quality of emulsion and maximize the fluid efficiency, consult the **Good Practices Handbook - Metalworking Soluble Fluids**.



SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

Important Notice

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on www.motul.com.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.