

SAFKOOL TMC

Boron Free Micro-Emulsion for ERW Tube Manufacturing

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

SAFKOOL TMC is 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

NAME	UNITS	METHOD	SAFKOOL TMC
Color	-		Brown
Aspect	-		Liquid
Density at 20°C (68°F)	-	ISO 12.185	1.000
Refractometer Factor	-		1.4
Water Hardness range recommended	ppm		5-500
Break Point Corrosion	%	IP 287	2
pH	-	NFT 60.193	9.7 at 5 %

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

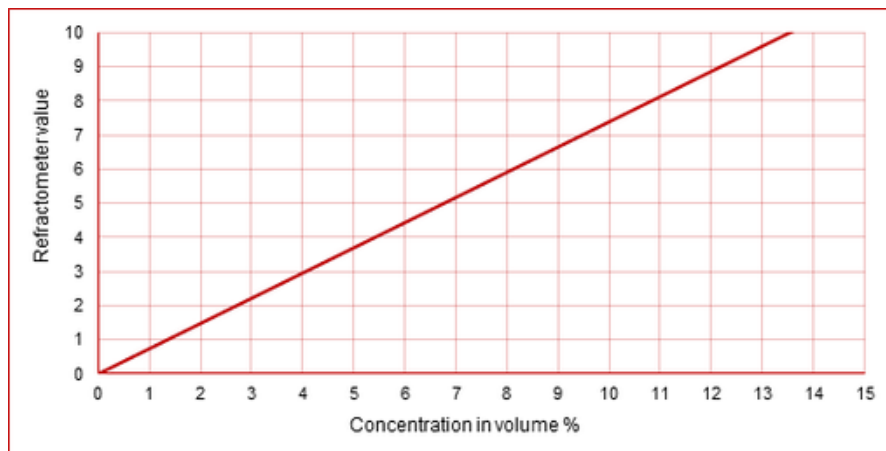
HEALTH & SAFETY

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

RECOMMENDED CONCENTRATIONS OF USE

- ERW tube manufacturing: 5-7%

The refractometer reading must be multiplied by the refractometer factor to arrive at the real concentration.





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.