



(PREVIOUSLY SAFCO EROLEC 100)

## SUPRACUT EDM 03

Dielectric Fluid

Electro discharge machining (MQL)

### DESCRIPTION

**SUPRACUT EDM 03** is a dielectric liquid, specially developed to satisfy all EDM machining from rough draft to high precision polishing.

Transparent and odorless, **SUPRACUT EDM 03** has a high flash point offering optimum safety to users.

### APPLICATIONS

**SUPRACUT EDM 03** is particularly suited for the machining of moulds, dies, and is particularly accurate for cutting tools of a complex profile and dimension.

**SUPRACUT EDM 03** is also recommended for Finishing and super finishing operations with copper and graphite electrodes.

### ADVANTAGES

- Excellent cooling power.
- High oxidation and pyrolysis resistance.
- Increase production efficiency thanks to its transparency.
- Penetrate into most narrow gaps.

### TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	SUPRACUT EDM 03
Color	-		Colorless
Density	-	ASTM D4052	0.811
Viscosity at 40°C	-	ASTM D445	2.3
Flash point	-	ASTM D92	103
Copper corrosion	-	ASTM D130	1a

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

### HEALTH AND SAFETY

- Free of organo-chlorinated additives and active sulphur
- Formulated following INRS ND 2356-227-12 recommendations
- Good dermatological behaviour



- Storage in a frost-free and dry place

## 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

Information disclosed in this technical data sheet is based on MOTUL's experience and know-how in the development and manufacture of lubricants and other chemical products according to the current state of knowledge.

Any chemical product must be used in the intended application and in accordance with the recommendations provided in its safety data sheet freely consultable via the site <https://www.quickfds.com/fr/>. The performance of our products may be influenced by a series of factors, including conditions of use, application methods, operational environment, pretreatment of components, possible external contamination, etc ... For these reasons, universal recommendation of our products is impossible. The information in the technical data sheet represents general, non-binding guidelines and is given for guidance only. No express or implied warranty is given regarding the properties of the product or its suitability for a given application.

Therefore, we recommend consulting an application engineer to discuss application conditions and product performance criteria before use. It is the user's responsibility to test the functional suitability of the product and to use it under appropriate safety conditions. Our products are subject to continuous improvement with the aim of improving performance or bringing them into compliance with any new and possible regulations concerning them. We reserve the right to change our product lines, our products and their manufacturing processes and any provisions of our publications at any time without notice. This technical sheet cancels and replaces all previous editions.

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