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Rel. # 2 on 01/02/2019

Technical note

Fluido sintetico a media volatilità per taglio vetro

MAIN FEATURES

Synthetic fluid medium volatility for cutting glass.

Item Code: T-OIL 3130
Synthetic fluid for cutting glass.

The range of synthetic fluids for cutting glass, is the result of the study carried out by modern research centers in the group and our twenty years of experience in the industry.

Our engineers have been able to select a range of fluids able to respond fully to all the requirements of processing, satisfying both the demands of the largest manufacturers of machines that those of the various users.

All the fluids are characterized by the total absence of odor and color and an aromatic content that practically no ensures the safety and health of the workplace.

ADVANTAGES

Excellent finish pieces, suitable for cutting glass.

- Characteristics and composition suitable for the working environment. This by virtue of neutral color, which allows the vision continues processing and complete absence of odors and aromatic hydrocarbons which involves a considerable improvement from point of view of environmental conditions;
- Particularly high-Flammability able to minimize the risk of fire;
- Exceptional results for glass processing;
- High thermal conductivity;
- Excellent ability to settling of the powder;
- Virtually no aromatics content that ensures total safety of the working environment and the absence of the occurrence of irritation on prolonged contact with the skin;
- High resistance to oxidation;

CHEMICAL-PHYSICAL FEATURES

Appearance: Clear, colorless liquid (color +30)

Odour: Faint odor of aliphatic hydrocarbon

pH: not applicable

Melting point/freezing point: - 3°C

Initial boiling point and boiling range: 228 - 245°C

Flash point: 100°C

Upper/lower flammability or explosive limits: UEL 0,5 – LEL 5 (Approximate volume% in air)

Vapour pressure: < 0,1 hPa (20°C)

Vapour density: 6,5 (relativa)

Relative density: 0,776 Kg/l (20°C)

Solubility: In water <0.05 mg / l

Water solubility: insoluble

Partition coefficient: n-octanol/water: Log Pow > 3

Viscosity: 1,9 mm²/s (40°C)

Explosive properties: None

Oxidising properties: None

Beginning of distillation: 230 ° C ASTM D 86

End of distillation: 245 ° C ASTM D 86

APPLICATIONS

Glass Cutting

- The T-OIL 3130 is a synthetic fluid OIL "multifunctional" suitable for cutting, they are guaranteed a high level of accuracy.
- Ideal for complex geometries and it is also suitable for cutting glass.
- Its viscosity characteristics ensure excellence in the optimization of the cut and the parting of the glass plates, thanks to its special formulation leaves no traces on the glass.



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TIPS FOR USE

Manufactured by use pure.

The product T-OIL 3130 exceeds the demands of the leading manufacturers of machines and cutting tables.

PRECAUTIONS FOR USE

This product does not present any special risk if used according to our recommendations and applied correctly. A safety data sheet in compliance with the EU legislation is available from your sales advisor.

Store possibly indoors. If it is stored outdoors, keep the kegs in a horizontal position and cover them with a lid to avoid water infiltration. Do not store at temperatures above 60 °C or directly in the sun as it is good to keep them in places not subject to frost. Protect the environment, avoid dispersion of used oil and containers.

PACKAGING

- DRUMS 208 LITRES.
- BUCKET 25 LITRE.
- 5 LITER BOTTLES.
- 1 LITER BOTTLES.

CLASSIFICATION AND LABELLING

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
GHS08

Hazard Class and Category Code(s):
Asp. Tox. 1

Hazard statement Code(s):
H304 - May be fatal if swallowed and enters airways.

The product can be fatal if swallowed and enters airways

UN Number: 0000

Instructions: The instructions and the information brought on this document are fruit of experiences of laboratory and practical employment and therefore accurate and pertinent. Being the Royal conditions of use from the consumers aldilà of every possibility of ours of control, they are furnished on our behalf without some responsibility or guarantee, implicit or explicit. For further information we beg You to contact our Technical Service.