



Shanghai PingYiao Trading CO., Ltd.

IBERCUT 20-C

Translation of the original Spanish. In case of a discrepancy, the Spanish original prevails

Description and Recommendations

A pure, very liquid oil formulated with natural paraffin refined base oils and specially selected additives that provides the characteristics required for the general machining of steel and alloys.

Ibercut 20-C is suitable for machining work when good cooling is required whilst maintaining a good finish. It is a good idea to clean the tanks well before using the new product.

Properties

Its transparency and clear colour allow the machining work to be seen. Its excellent oiliness and good cooling prolong tool life and gives a good finish to pieces. Its high ignition point reduces smoke and the risk of fire. Does not stain aluminium or copper parts.

Quality level

ISO 6743/7 category ISO-L-MHE

Technical characteristics

	UNITS	METHOD	VALUE
Appearance			Light reddish yellow
Colour	g/ml	ASTM D 1500	<1,5
Density at 15°C	cSt	ASTM D 4052	0,870
Viscosity at 40°C	cSt	ASTM D 445	24
Viscosity at 100°C	-	ASTM D 445	4,4
Viscosity rate	mg KOH/g	ASTM D 2270	100
Saponification rate	°C	ASTM D 94	12
Pour point	°C	ASTM D 97	-15
Flammability V/A		ASTM D 92	200
Copper corrosion		ASTM D 130	1a
Four ball machine test	kg		
- Soldering load		IP239	250
Rust A		ASTM D 665	400
Rust B		ASTM D 66	43,2

Overview

Bulk, 830kg containers and 185kg cans.

Shanghai PingYiao Trading CO., Ltd.

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Hazard identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

Health and safety risks.

Inhalation: As this product has low volatility, the risk of inhalation is minimal. Ingestion: Do not make an affected person vomit. Supply water. Get medical help. Contact with the skin: Wash thoroughly with soap and water. Eyes: Wash thoroughly with water. General measures: Get medical help.

Fire-fighting measures

No special measures required. Extinction: Foams, dry chemicals, CO₂, water spray. Do not apply a jet of water directly, as it could spread the product.

Environmental precautions

Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Prevent the material from entering the water supply. Decontamination and cleaning: Treat as an accidental oil spillage. Avoid dispersion using mechanical barriers and remove with physical or chemical elements.

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