



TECHNICAL DATA SHEET

GRODAL SYNCUT 1 SYNTHETIC COOLANT

DESCRIPTION

Grodal Syncut 1 is an oil free and nitrite free chemicoolant for grinding operations that provides excellent rust protection for ferrous metals.

APPLICATION

Grodal Syncut 1 is used for grinding cast - iron and steel. It is also recommended for milling, turning and tapping on all ferrous alloys.

BENEFITS

- Excellent Rust/corrosion protection.
- Nitrite free hence eliminates possible health hazards associated with these materials.
- Eliminates oil mist.
- Longer sump life.

TECHNICAL DATA

Appearance	:	Light Yellow Liquid
Sp. Gravity @30°C	:	1.07 – 1.17
pH (Neat)	:	8 - 10
Solution in 2 % water	:	Clear

RECOMMENDATIONS

Premixing the coolant into water with good agitation outside the machine sump is recommended. Grodal Syncut 1 is recommended between 4 -5 % concentration while in use. The concentration of Grodal Syncut 1 solution can easily be checked by using refractometer. Maintain concentration and avoid contact with strong oxidizers.

SAFETY

This oil is unlikely to present any significant health or safety hazard when properly used in the recommended application as well as good standards of industrial and personal hygiene are maintained.

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Supersedes all earlier