

## Sunicool – S Synthetic Grinding Coolant

### Description

Biostatic, fully synthetic grinding coolant, which does NOT contain nitrite, nitrate or mineral oil.

### Applications

	<b>NON Ferrous Materials</b>	<b>Ferrous Materials</b>
Grinding ( in-/ outside)	1%	1 – 2%
High speed grinding	1 – 1.5%	2 – 2.5%

### Specifications

Inhibited against bacteria growth

Free from active respectively corrosive components such as chlorine, sulphur and phosphorus.

Transparent and stable solutions will be formed in both hard and soft water.

When working with copper and its alloys, light darkening of the metal may occur due to the building-up of the amine-complex with SUNICOOL-S.

When changing from emulsions with mineral oils to synthetic coolants, such as SUNICOOL-S, it is absolutely necessary to clean the system thoroughly.

### Specific Gravity

Spez. Gewicht	<b>15</b>	<b>1100</b>
Densite		
Soortelijk Gewicht		
Smell		nihil
Aspect		transp.
PH (2% Bolution)		9.10
Protection against rust (1%)		good
Reserve alkalinity (3%)		83
Sulfonates ( %)		0.23
Application ratio ( %)		2-3

### PERFORMANCE LEVEL / REMARKS

Average analyses without engagement / Unverbindliche Durchschnittsanalysendaten

Analysese moyennes sans engagement / Gemiddelde analyses zonder verbintenis.

Fully synthetic soluble metalworking oil.

Forms a stable and transparent solution.

Application : all cutting operations on metalpieces. Universal grinding.

(Method : ASTM)

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