

STRUB Stabillo Cut Extreme

Universal performance, biostatic semi synthetic coolant

Art. Nr. 31446



Properties

Water soluble, nanotechnical, universal coolant, with low consumption (smaller droplet size).

STRUB Stabillo Cut Extreme is biostatic with good resistance against microorganisms and fungi.

STRUB Stabillo Cut Extreme is not sticky, has excellent cleaning and penetrating properties, and reemulsifies easily.

STRUB Stabillo Cut Extreme is free of toxic materials like DEA, DEA-releaser, nitrite, nitrite-releaser, organic chlorine derivates, PCB, PCT, PTBB, etc. and fulfils TRGS 611.

Application

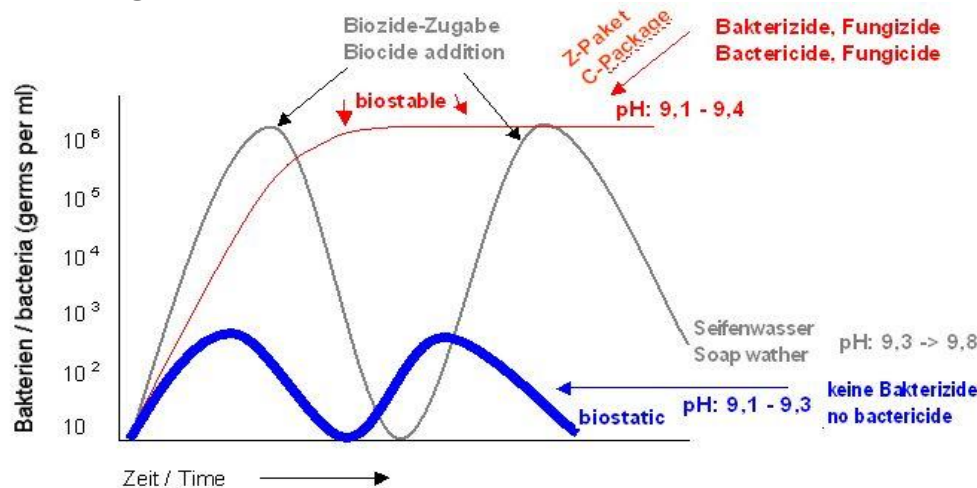
Universal such as milling, turning, drilling, sawing and cast iron, steel, steel alloys. No stain on aluminium 6000 - 7000 series.

Copper corrosion test 40°C 3H 1b (pass).

Mixing Ratio

| | |
|--------------------------------------|-------------|
| - Grinding | 3 % to 4 % |
| - Turning, drilling, milling, sawing | 4 % to 6 % |
| - Reaming, tapping, thread cutting | 5 % to 8 % |
| - Deep hole drilling | 8 % to 10 % |
| - Refreshing (continuous dosing) | 1 % to 2 % |

Advantages



- ✓ high bio stability
- ✓ low consumption and good washing properties
- ✓ good corrosion protection
- ✓ low foaming, also in soft water
- ✓ skin friendly
- ✓ best price quality performance

The information contained in this technical data sheet are based on the general knowledge and application possibilities. Strub + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristics. Generally, no legally binding can be derived from this data. Our products are constantly further developed. Therefore Strub + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.

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Technical Data

| | |
|--|---|
| <p>Appearance Emulsion type 5 % in dest. water pH value 5 % in dest. water Density at 20°C Refractometer factor</p> <p>Do not store below 7°C or over 40°C Do not expose containers to direct sunlight. If the product is below 7°C or even in the freezing range for a short time, the container should be stored for 3 days at room temperature, after which the concentrate can be stirred vigorously until clear and homogeneous.</p> | <p>yellow translucent ~ 9.2 1.05 g/cm³ 1.80 multiply</p> |
|--|---|

Satisfied customer reports:

| | |
|---|--|
| <p>Processing</p> <p>Machine Contents L Operation Tool life Additional statements</p> | <p><i>Steel 12</i></p> <p><i>Knoll 3 Central system</i> <i>40'000 lt.</i> <i>Milling, grinding</i> <i>Higher tool life < 20 %</i> <i>Excellent surface, very clean, even for Cast iron agreeable smell.</i></p> |
|---|--|

Transport

ADR/SDR: Non hazardous

Disposal

LVA VeVA / EAK: Concentrate 12 01 07
Emulsion 12 01 09

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