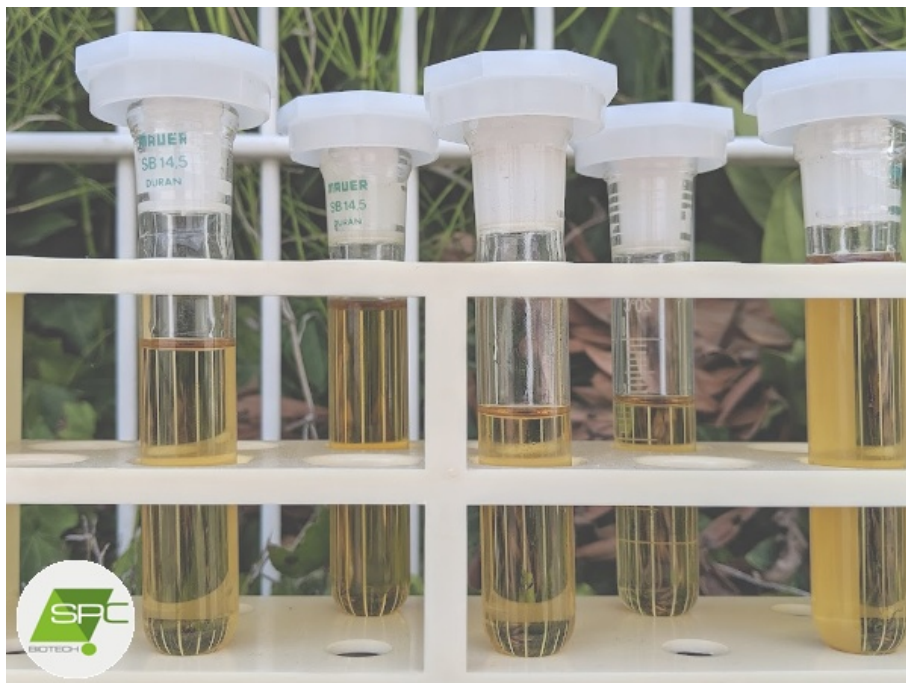


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Technical Information: SPC KSW 502 water based lubricant



Chemical name :	SPC KSW 502 water based lubricant
pH :	8,5-9,5
Viscosity at 40°C :	32
Einecs-No. :	Gemisch
CAS-No. :	Gemisch
Notes :	SPC KSW 502 cooling lubricant, which is water-based and biodegradable, is flame-retardant and contains no silicones.

Synonym : Kühlschmierstoff Kühlschmierlösung, Wassermischbarer
Kuschmierstoff, Kuschmierstoff auf Wasserbasis

General informations : SPC KSW 502 cutting fluid is an environmentally friendly alternative to conventional oil-based cutting fluids. It impresses with high performance density and excellent corrosion protection, making it ideal for grinding, turning, and milling a wide range of materials such as plastic, cast iron, steel, stainless steel, aluminum, and non-ferrous metals. As a water-based and biodegradable cutting fluid, SPC KSW 502 contributes to sustainability in production without compromising performance.

In addition, we offer the option of providing SPC KSW 502 as contract manufacturing or in custom packaging as a "white label" product for our customers.

Advantages of SPC KSW 502 cutting fluid, water-based, biodegradable

- Environmentally friendly and biodegradable
- High performance density for efficient machining
- Excellent corrosion protection extends tool life
- Versatile for use in various metalworking processes
- No labeling required and not classified as dangerous goods, making storage and transport easier
- Custom packaging and white label solutions available

Application : SPC KSW 502 can be introduced directly into the cooling system. The recommended dosage is between 1 and 5% of the total coolant, depending on the machining process and material. For optimal results, the dosage should be adjusted to the specific requirements of the machine and the material. Regular monitoring of the cooling system and the concentration of the cutting fluid is recommended to ensure consistent performance.

Hazard Informations : SPC KSW 502 is not subject to labeling requirements and does not constitute dangerous goods under the ADR. Nevertheless, we handle all our products with the greatest care and take all necessary measures to ensure they are safely labeled and handled. The thread cutting compound is classified as slightly hazardous to water (WGK 1); therefore, spills into the environment should be avoided. When handling it, the usual safety precautions must be observed.

Version: 30.07.2026

This data is only for your information purposes and does not imply a guarantee for a certain application.