

VULSOL MS 7500



Metalworking

Chlorine-free synthetic cutting fluid for machining and grinding.

APPLICATIONS

- **VULSOL MS 7500** is recommended for machining and grinding steel and its alloys as well as non-ferrous metals.
- **VULSOL MS 7500** is also intended for machining a variety of plastics materials and for machining and polishing special optical glasses.
- Recommended quantities: machining: 4 - 6 %
grinding: 3 - 4 %.

SPECIFICATIONS

ISO 6743/7

- ISO-L MAH

ADVANTAGES

- Excellent protection against corrosion of machined parts and machines.
- Very simple to use: just pour **VULSOL MS 7500** into good quality water to obtain a transparent solution.
- Outstandingly stable in use.
- Product does not foam.
- Very good settling of grinding sludge and very good separation of lubricating oils.
- Natural resistance to bacterial growth.

HEALTH AND SAFETY

- **VULSOL MS 7500** has no particular smell, and contains no phenol or nitrogen-producing substances (nitrite, diethanolamine (DEA) , PTBB, chlorine, or boron).
- **VULSOL MS 7500** satisfies the German TRGS 611 legislation (technical rules relating to the handling of hazardous substances).
- Hazard category for water: 1.

| TYPICAL CHARACTERISTICS | METHODS | UNITS | VULSOL MS 7500 | |
|------------------------------|-------------|--------------------|----------------|--------------|
| | | | CONCENTRATE | 5 % SOLUTION |
| Appearance | Visual | | Clear | |
| Density at 15°C | ISO 3675 | kg/m ³ | 1123 | |
| Kinematic viscosity at 40 °C | ISO 3104 | mm ² /s | 83.5 | |
| Appearance | Visual | | | Clear |
| pH | NF T 60 193 | | | 9.1 |
| Refractive index | | | 1.0 | |

The characteristics shown in this table are typical values given for illustrative purposes.

TOTAL LUBRIFIANTS
Industrie & Spécialités

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from

www.quick-fds.com.

