

# 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 <sup>3</sup>	1123	
Kinematic viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	83.5	
Appearance	Visual			Clear
pH	NF T 60 193			9.1
Refractive index			1.4	

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](http://www.quick-fds.com).