

# VULSOL MS 7000



*Metalworking*

**Synthetic chlorine-free cutting fluid for machining and grinding.**

## UTILISATIONS

- **VULSOL MS 7000** is recommended for machining semi-hard steels and non-ferrous metals such as aluminium or copper alloys.
- **VULSOL MS 7000** can also be used for grinding, lapping, honing or sharpening.
- Recommended proportions:
  - depending on the type of operation : 4 to 6%.

## SPECIFICATIONS

ISO 6743/7

- ISO-L MAH

## ADVANTAGES

- The excellent wetting and cooling capabilities mean improved tolerances and a better surface finish on machined parts.
- Excellent corrosion protection for machine parts and machines.
- Very easy to use: simply pour **VULSOL MS 7000** into good quality water.
- Excellent stability over time.
- Non-foaming.
- Natural resistance to bacterial growth.

## HANDLING OPERATIONS - HEALTH - SAFETY

- **VULSOL MS 7000** has no particular smell and contains no phenols, nitrites, chlorine or sulphur.

TYPICAL CHARACTERISTICS	METHODS	UNITS	VULSOL MS 7000	
			CONCENTRATE	4 % SOLUTION
Appearance	Visual		opalescent	
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	1075	
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	18	
Appearance	Visual			transparent yellow
pH	NF T 60 193			8.6
Refractometric correction factor			1.4	

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**

25 september 2002 (supersedes 3 august 2001)

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1/1

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).

