

LACTUCA MS 9000



Metalworking

Multipurpose chlorine-free macro-emulsion.

UTILISATIONS

- **LACTUCA MS 9000** is recommended for average to very difficult machining and grinding on ferrous and non-ferrous metals.
- **LACTUCA MS 9000** has a high content of fatty ester. It is suitable for sawing, broaching, cold form tapping and deep-hole drilling.
- Recommended utilisation rate:
 - Grinding: 4 %
 - Little-severe machining : 5 to 7 %
 - Severe machining : 7 to 10 %, even >10 % for very severe machining.

SPECIFICATIONS

ISO 6743/7

- Code ISO-L MAB

ADVANTAGES

- Excellent performance due to the combination of antiwear/extreme-pressure agents.
- Excellent protection against corrosion of non-ferrous metals.
- Milky emulsion with considerable wetting power.
- Very easy application by pouring **LACTUCA MS 9000** into high-quality water.
- Excellent in-service stability.
- Good resistance to development of bacteria.

HEALTH AND SAFETY

- **LACTUCA MS 9000** is free from phenol, nitrite, PTBB, chlorine, di- and triethanolamine (DEA-TEA).
- **LACTUCA MS 9000** is free from any **glycol ether**.
- **LACTUCA MS 9000** complies with German TRGS611 (technical regulations controlling the treatment of hazardous products).

TYPICAL CHARACTERISTICS	METHODS	UNITS	LACTUCA MS 9000	
			Concentrate	5% Emulsion
Appearance	Visual		Slightly turbid	milky
Colour	DIN ISO 2049		0.5	
Density at 15 °C	NF T 60172	kg/ m ³	956	
Kinematic viscosity at 40°C	NF T 60100	mm ² /s	74	
pH	NF T 60 193			9.1
Refractometric factor			1.0	

Les valeurs des caractéristiques figurant dans ce tableau sont des valeurs typiques données à titre indicatif.

TOTAL LUBRIFIANTS
Industrie & Spécialités
04-05-2006 (supersedes 26-09-2005)
LACTUCA MS 9000
1/1



Ce lubrifiant utilisé selon nos recommandations et pour l'application pour laquelle il est prévu ne présente pas de risque particulier.
Une fiche de données de sécurité conforme à la législation en vigueur dans la C.E. est disponible sur www.quick-fds.com et auprès de votre conseiller commercial.