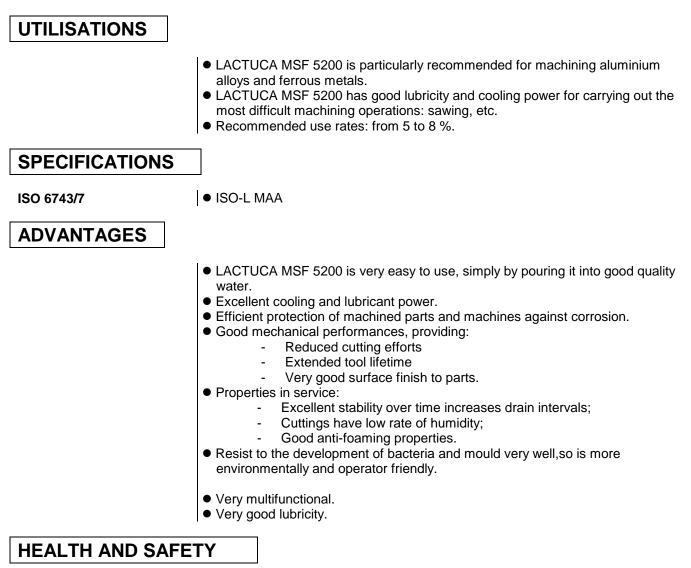
LACTUCA MSF 5200



Metalworking



Macro-emulsion for aluminium alloys, low and medium carbon steels machining.



- Free of: formaldehyde liberators and boron.
- Does not contain: chlorine, PTBB, nitrite, NPE or DEA.

TOTAL LUBRIFIANTS Industrie & Spécialités 12-04-2011 (supersedes 23-11-2010) LACTUCA MSF 5200 1/2



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 <u>www.quick-fds.com</u>.



STANDARD CHARACTERISTICS	METHODS	UNITS	LACTUCA MSF 5200	
			CONCENTRATE	EMULSION AT 5 %
Density at 15°C	ISO 3675	kg/m ³	937	
Kinematic viscosity at40 °C	ISO 3104	mm²/s	52	
pH at 5%	NF T 60 193			9.3
Refractometric factor			0.94	

Above characteristics are mean values given as an information.

RECOMMENDATIONS FOR USE

- To ensure good conservation of the fluid's properties through time and thus increase its lifetime, we recommend:
 - Regular monitoring of the concentration of the bath with a refractometer. Do not forget to multiply the reading value by the refractometric factor.
 - Regular monitoring of the pH of the emulsion and the hardness of the water.
- Total offers its clients a regular laboratory fluid analysis service: SOLUBLE CHECK.

Get in touch with your sales contact to obtain further information.

- Before using any fluid for the first time or before each change, we recommend cleaning the machine with a specific cleaning product: CONTRAM CB 3.
- If punctual top-ups of Biocide are required, Total offers an efficient product: EBOTEC BT 80.

Your sales and technical contacts are ready to provide you further information.



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