



CalcinatTM C-400CLR

overbased calcium sulfonate

Issued: 03-01-2001
Revised: 12-05-2005
Revision: 02

DESCRIPTION

Calcinat C-400CLR is a 400 TBN first intent overbased calcium sulfonate. This highly overbased calcium sulfonate is engineered to have the alkaline component as all calcium carbonate. This product is used as a component in metal working fluids where the unique lubricity and extreme pressure properties of calcium carbonate are utilized. The calcium to sulfonate ratio is optimized for good oil solubility and compatibility with other formulating components. Nominal dosages would range from 0.5 to 10.0 wt. % of the finished lubricant. Calcinat C-400CLR is compatible with mineral base oils, white oils, and synthetic base stocks.

TYPICAL DATA

<u>Properties</u>	<u>Typical Values</u>
Calcium, wt. %	15.2
Calcium Sulfonate, wt. %	18.5
Total Base Number	405
Water, wt. %	0.30
Viscosity@ 100°C, cSt	75
Flash Point, COC °C	220
Specific Gravity 15°C	1.200
Color (dilute)	5.0
Free Alkalinity	1.0

HANDLING INFORMATION

Calcinat C-400CLR is a liquid overbased calcium sulfonate, which should be handled at elevated temperatures. Maximum storage temperature is 93°C.

SAFETY INFORMATION

For more extensive information on the safe handling and use of this product, see the Material Safety Data Sheet.

SHIPPING INFORMATION

Petroleum Oil, N.O.I.B.N.
Tank cars, tank trucks and non-returnable 55-gallon steel drums.

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Material Safety Data Sheets for the products mentioned herein. All sales are subject to Chemtura's standard terms and conditions of sale, copies of which are available upon request and which are part of Chemtura's invoices and/or order acknowledgments. Except as expressly provided in Chemtura's standard terms and conditions of sale, no warranty, express or implied, including warranty of merchantability or fitness for particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.