

# Product Information

## Bislube Friction Modifier MDBC

### Product Description:

Bislube Friction Modifier MDBC is a yellow powder composed of an organic molybdenum oxide sulfide dibutyl dithiocarbamate complex. Displays excellent antioxidant and friction reducing properties, even under extreme pressure and high temperatures. Bislube Friction Modifier MDBC is phosphorus free and can be readily dispersed into a suspension with mineral oils. The recommended dosage is 1.0 - 3.0 % for greases.

### Applications:

Bislube Friction Modifier MBDC is used as an antioxidant, friction modifier and extreme pressure additive for greases.

### Chemical Formula:

$C_{18}H_{36}N_2S_4Mo$

### CAS No. :

68412-26-0

### Specifications:

Parameters (units)	Specifications	Test Method
Appearance	Yellow powder	Visual
Density, at 25 °C, approx. (g/cm <sup>3</sup> )	1.59	ASTM D 1817
Sulfur content (%)	23.5 - 25.5	ASTM D 1552
Molybdenum content (%)	27.0 - 29.0	QCD/TM/253
Melting point (°C)	≥ 258.0	ASTM D 1519
Loss on drying (%)	≤ 0.20	ASTM D 4571

\*% denoted represents wt/wt %, unless noted otherwise

Bisley International LLC  
1790 Hughes Landing Boulevard Suite 400  
The Woodlands 77380 TX USA  
Phone number: +1 (844) 424 7539  
Emergency telephone number: +1 855 237 5573

[bisleyinternational.com](http://bisleyinternational.com)

Copyright 2021 Bisley & Co. Pty Ltd. All rights reserved



## Packaging:

Material is available in 25 kg drums. Further packaging options may be available upon inquiry.

## Storage:

Product should be stored in a cool and dry place away from direct sunlight in sealed, original packaging. Shelf life of 24 months.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

### Global Headquarters

#### Sydney, Australia

Bisley & Company  
Level 12, Tower B Citadel Towers  
799 Pacific Highway  
Chatswood NSW 2067 Australia  
Phone: +61 2 8905 4200  
Fax: +61 2 8905 4238  
Email: [australia@bisley.biz](mailto:australia@bisley.biz)

### Jakarta, Indonesia

PT Bisindo Kencana  
Puri Indah  
Financial Tower  
9<sup>th</sup> Floor, Unit 09 Jalan Puri  
Lingkar Dalam Blok  
T8 Jakarta Barat 11610  
Indonesia  
Phone: +6221 530 7287

### Bangkok, Thailand

Bisley Asia (Thailand) Co. Ltd.  
Mahatun Plaza Building 18th Floor  
888/186 Ploenchit Road  
Lumpini, Pathumwan  
Bangkok 10330  
Thailand  
Phone: +66 0 2689 6396  
Fax: +66 0 2689 6394

### Kuala Lumpur, Malaysia

Bisley Asia (M) Sdn Bhd  
Co. Reg. No.:199201002123  
(233627-U)  
Suite 20-01 & 20-02B,  
Level 20, The Pinnacle,  
Persiaran Lagoon, 47500  
Bandar Sunway, Subang Jaya Selangor,  
Malaysia  
Tel: +603-56244287/4289  
Fax: +603-56244201

### Dubai, United Arab Emirates

Bisley Chemicals Trading LLC  
1802 B2B Office Tower  
Business Bay  
PO Box 9298  
Dubai United Arab Emirates  
Phone: +971 4 3310088  
+971 4 3310111  
Fax: +971 4 3310099

### USA and Canada

Bisley International LLC  
1790 Hughes Landing Boulevard  
Suite 400  
The Woodlands 77380 TX USA  
Phone: +1 (844) 424 7539  
Emergency telephone number:  
+1 855 237 5573  
Email: [international@bisley.biz](mailto:international@bisley.biz)

Bisley International LLC  
1790 Hughes Landing Boulevard Suite 400  
The Woodlands 77380 TX USA  
Phone number: +1 (844) 424 7539  
Emergency telephone number: +1 855 237 5573

[bisleyinternational.com](http://bisleyinternational.com)

Copyright 2021 Bisley & Co. Pty Ltd. All rights reserved

