



Tiarco Chemical Europe GmbH



TRCC Europe GmbH

Technical Data Sheet

Octopol MB



Nonfood compounds
Program Listed (H-2, HX-1, HX-2)
Registration #141415

CHEMICAL DESCRIPTION: Methylene-bis-(dibutyldithiocarbamate)
CAS: 10254-57-6
EINECS: 233-593-1

PHYSICAL FORM: light yellow to amber translucent viscous liquid

TYPICAL PROPERTIES

Density, (20°C)	1.04 – 1.08	WI-ISO-2-114
Assay, %	97.0 – 100.0	WI-ISO-2-021
Water, %	≤ 0.20 %	WI-ISO-2-017
Nitrogen, %	6.2 – 6.8	WI-ISO-2-121
Sulfur, %	28.5-32.0	WI-ISO-2-234

Solubility - generally soluble in petroleum and synthetic lubricant bases; insoluble in water

PRODUCT DESCRIPTION:

Octopol MB is an ashless dithiocarbamate ideally suited for formulating antimony-free and lead-free products. The product offers extreme pressure, antiwear and antioxidant properties as an additive in lubricants and greases where heavy metals are not desired. Some typical uses for Octopol MB are in industrial gear oils, hydraulic fluids, and rust and oxidation oils. Octopol MB exhibits outstanding demulsibility and good thermal stability as well as excellent solubility properties in highly paraffinic base stocks. Typical use levels are 0.5 – 7.0 percent by weight in lubricating greases and industrial gear oil.

Octopol MB components are listed or not required to be listed on the following: United States TSCA, Canadian DSL, Australian AICS, China IECSC, Japanese ENCS, Korean KECI, New Zealand NZIoC, Taiwan TCSI, Vietnam, Philippine PICCS, and the European EINECS. Octopol MB is fully in compliance of RoHS.

STORAGE AND HANDLING:

It is recommended that product stored in a warehouse be used on a first-in, first-out basis. Containers should be kept tightly closed. Avoid contact with skin and eyes. Use with adequate ventilation. Make sure the part drum is used quickly and that all stock is rotated on a first-in, first-out basis. Store at +5°C – +60°C. Shelf life expected two years from date of manufacture /provided the material is stored at proper temperatures and containers remain tightly closed.

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed. Tiarco Chemical / TRCC makes no claims or warranties concerning the suitability of the product for a particular use or purpose. Possible patent rights, laws and regulations have to be observed on the recipients own responsibility.

Am Gut Baarking 12, D-46395 Bocholt; Tel.: +49 2871 234 76 0; Fax: +49 2871 234 76 44