



Avalon Chemicals, Inc.

TECHNICAL DATA SHEET

Product Name	Avalub MDBC Molybdenum di-n-butyldithiocarbamate
Acronym	MDBC
CAS No.	68412-26-0
Chemical Formula	$C_{18}H_{36}N_2S_4Mo$
Molecular Weight	504.68
Description	<p>MDBC is an antioxidant, EP & antiwear additive for greases and industrial oils like hydraulic fluids, turbine oils which are blended with mineral and synthetic base stocks.</p> <p>It also find application in engine oils gear oils and greases for automotive, aviation diesel and gas – engine service.</p> <p>Treat level: 2 – 4 % by Wt.</p>
Packaging	Available in 25 / 50 / 200 kgs
Storage	Stored in a clean cool place



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SPECIFICATION SHEET

Product : **Avalub MDBC**
Molybdenum di-n-butylthiocarbamate

CAS No. : 68412-26-0

Parameters	Specification
Appearance	Yellow powder
Sulphur Content	23.5 – 25.5 %
Molubdenum Content	27 – 29 %
Melting Point	258 °C min
Density @ 25°C	1.59 gm.cm ³
Loss on Drying @ 85°C	0.20 % max
Solubility	Soluble in petroleum and synthetic lubricant bases; insoluble in water