

Material Safety Data Sheet

Issue Date: February 2009
Issued by: Accurate Timber Products Pty Ltd
Product Name: Table Lubricant

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name:
Table Lubricant – Magnaglide

Product Code:
TL 025

Product Description:
Magnaglide D68, D150, D220 & D320 are high performance demulsifying slideway lubricants based on solvent refined mineral oil. These contain very efficient lubricity and extreme pressure additives for effective control of machine tool sliding surfaces.

Company Name
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2. APPLICATION

Magnaglide D68, D150, D220 & D320 is for use on all horizontal and vertical plastic sideways where a high quality demulsifying sideway lubricant is required. Suitable for all types of non coated and coated commercial plastic sideways, including epoxy resins, PTFE (Turcite) and PTFE (Teflon).

Although primarily designed for plastic sideways, Magnaglide D68, D150, D220 & D320 give exceptionally good metal-to-metal lubrication and can therefore be recommended for conventional sideways wherever a demulsifying sideway lubricant is required.

3. FEATURES AND BENEFITS

- Outstanding demulsifying properties – helps prevent soluble oil emulsions from contacting slideways and causing distortion by swelling plastic slideway surfaces. Avoids downtime and expensive slideway repair or replacement.
- Specifically designed for plastic slideways – can be used with confidence on all plastic and conventional metal slideway material.
- Product rationalization – one grade for all slideways.

- Backed by major manufacturers approval – can be used with confidence on all plastic and conventional metal slideway materials. Product rationalization – one grade for all slideways.
- Exceptional resistance to stick slip – helps to ensure highly accurate and repeatable machining. High quality output is maintained.
- Protects metals against staining and corrosion.
- Oil-wetted surfaces remain in good condition. Avoids downtime and expensive repair or replacement.
- Highly filterable – filters in oil supply system remain unblocked.

Technical Data

Property	Castrol Magnaglide D68	Castrol Magnaglide D150	Castrol Magnaglide D220	Castrol Magnaglide D320
Density @ 20°C	0.878		0.902	0.906
Kinematic viscosity @ 40°C	68.0	150.0	220.0	320
Kinematic viscosity @ 100°C	8.8		18.7	24.5
Viscosity Index	95 min	95 min	95 min	95 min
Flash Point °C (COC)	185 min	190 min	195 min	200 min
Pour Point °C	-9		-9	-6

4. HEALTH AND SAFETY

Magnaglide D68, D150, D220 & D 320 are classified as hazardous. In line with safe handling practices, it is recommended that the handling instructions outlined in the Material Safety Data Sheet be followed.

Spillage:

SMALL – 20 litres or less

Soak up on Castrol Diatomaceous Earth or similar inert oil absorbent. Arrange for disposal through an approved facility.

LARGE – greater than 20 litres

Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Disposal: Oils must not be allowed to enter ground water, water courses, sewerage or drainage systems. Refer to local waste disposal authority for legal requirements.