

# Balmerol® Alcast - 1000

Fully Synthetic Agro Based Mould Release Lubricant

Technical Data Sheet

## Product Description:

Balmerol Alcast – 1000, is a chemically modified ideal synthetic substitute of agro - based seasonally available rape seed oil. The product is designed for lubrication of mould during batch wise casting of non – ferrous metals. Balmerol Alcast – 1000 has excellent boundary lubrication property because of its inherent chemical structure which enhances life of the mould and it's efficiency. The product can be disposed off as such.

## Features & Benefits:

Balmerol Alcast - 1000 provides the following benefits:

- Excellent boundary lubrication property
- Consistent quality
- No seasonal effect
- Not dependent of crop

## Application:

- The product can be applied by dripping or brushing.

## Storage:

- Store in a cool, dry indoor area where airborne debris is at a minimum. Store in its original container until it is used.
- Storage temperature to be maintained above 30 °C

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## Typical Properties:

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Properties	Alcast - 1000
Flash Point , IP 35/45, ° C	230 ± 5.0
Density @ 30 °C, gm/ml	0.89 - 0.92
Kinematic Viscosity @ 40 °C, cSt, ASTM D 445	1200 - 1500
Iodine number (gm/100gm of oil), min. IP 84/33	80
Saponification Value (mg KOH/gm)	155 -175
Water Content (as per IP 74/57), max	0.10%
Free Fatty Acid (max. )	1.50%
Unsaponifiable Matters (max.)	1.00%

## Health and Safety:

Balmerol Alcast - 1000 is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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