

# TECHNICAL DATA SHEET

## CINDOL® 4601

### LIGHT VISCOSITY FORMING LUBRICANT

CINDOL® 4601 is formulated especially for the non-ferrous forming industry and provides excellent results in stamping light gauge aluminum for radiation and cooling fins and producing excellent fine aluminum and copper wire.

#### Applications

CINDOL® 4601 contains a unique lubrication additive, ND. It dramatically lowers the coefficient of friction of steel to aluminum and aluminum to aluminum and is also used on stainless steel, bronze, brass, galvanized steel, titanium and other metals. Quaker Houghton's CINDOL® 4601 gives improved results in general lubrication, forming and machining operations.

#### Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

#### Benefits

- Excellent lubricity allows dies to run cooler and reduces die pickup
- Provides faster drawing speeds for increased production
- Produces bright wire

#### Properties

PROPERTY	TYPICAL VALUE	UNIT
Odor	Bland	
Flash Point (COC)	280   138	°F   °C
Density	6.9	lbs/gal
Viscosity at 100°F (38°C)	40 - 45	SUS
Specific Gravity	0.83	

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