

# TECHNICAL DATA SHEET

## DIE SLICK® AD 64 DIE CASTING

DIE SLICK® AD 64 is a high performance synthetic die lubricant formulated for the more difficult die casting operations.

### Applications

Incorporates state of the art polymers that enhances its wetting and release capabilities while producing bright and clean castings. Typical operating temperature range is 175°C to 285°C.

### Recommendation for use

ALLOY	DILUTION RATIO*
Aluminium	80:1
Zinc	80:1
Magnesium	100:1

\* The dilution ratios are recommendations based on Quaker Houghton Houghton's experience in the field. Each Die Casting facility is unique and each operator should evaluate the recommended starting ratio based on his / her experience.

### Benefits

- Forms a tough die film that resists soldering and promotes good metal flow
- Castings are extremely bright and clean
- Does not cause paint or coating problems
- Minimal smoke and no staining

### 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. This product has a shelf life of 12 months, and it should be stored in a tightly sealed container in temperatures between 5°C (41°F) and 35° (95°F). Do not freeze.

### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance / Colour	White Emulsion	[-]
Viscosity	NA	mm <sup>2</sup> /s @ 40°C
pH	7.5 - 9.5	[-]
Density	971	kg/m <sup>3</sup>
Flash point (COC)	NA	°C / °F

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. [016104]

