

# PRODUCT DATA

## HOUGHTO-GRIND® 4250

High speed surface grinding of metals requires the combination of cooling and rust protection with a low foaming additive package. **Houghto-Grind 4250** contains the newest synthetic additive technology to give you an economical grinding coolant for use in all vertical spindle rotary grinders. It may be highly diluted with water and it provides excellent rust protection to highly ground surfaces. Grinding wheels will remain open and free cutting while a high cleaning action takes away fines to minimize loading. In-use solutions are clean and will not foam.

### FEATURES

- \* Economical
- \* Excellent rust/corrosion protection
- \* Rapid heat removal
- \* Clean running, transparent solutions
- \* Long sump life/non-foaming

### BENEFITS

- \* Low in-use cost
- \* In-process protection of machinery and parts
- \* Maintains dimensional control; reduces heat checks and burnishing
- \* Maximum worker acceptance
- \* Reduces maintenance costs

### RECOMMENDED USE CONCENTRATIONS

Surface Grinding

25:1



**Houghton International Inc.**

Madison and Van Buren Ave., P. O. Box 930, Valley Forge, PA 19482-0930  
(610) 666-4000 Telefax (610) 666-1376

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**

Appearance, Neat	Dark blue liquid
Appearance, 4% Solution	Transparent blue liquid
pH, Neat	9.3
pH, 4% Solution	8.9 - 9.1
Pounds per Gallon @ 60°F	8.7

**CONCENTRATION DETERMINATION**

**Houghto-Grind 4250** solutions are easily checked using an American Optical refractometer. Simply multiply the refractometer reading by 4.0 to obtain product concentration.

**SHELF LIFE**

Under normal conditions, the recommended shelf life for **Houghto-Grind 4250** is twelve (12) months.

**SHIPPING INFORMATION**

**Houghto-Grind 4250** is shipped in 55 (U.S.) gallon (208 liter) drums and in bulk.

**STORAGE/HANDLING/DISPOSABILITY**

No health or safety hazards exist when **Houghto-Grind 4250** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

**WARRANTY**

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

**EXPORT STATEMENT**

This commodity and its technology are subject to the export control laws and regulations of the United States Government. Buyer agrees that it shall not make any disposition, by way of export, diversion, transshipment, re-export or otherwise, except as expressly permitted under United States law.

**10/96**