

# PRODUCT DATA

## HOCUT<sup>®</sup> 795-RHS

### HEAVY-DUTY MACHINING AND GRINDING FLUID FOR USE WITH ALL METALS INCLUDING AUTOMOTIVE GRADE CAST ALUMINUMS

Today's manufacturing environment requires products that are capable of performing in many applications. **Hocut 795-RHS** is a versatile coolant for machining and grinding of ferrous and nonferrous metals. It is formulated to keep machine tool surfaces clean while having excellent residual fluid film corrosion protection. Its low foaming potential makes it suitable for use on high pressure applications. It is especially suited for machining cast iron and powdered metal parts without forming sticky residues that are common with these materials.

**Hocut 795-RHS** is formulated with a combination of ingredients that provide a greater resistance to microbial degradation of the fluid.

Field tests have shown that the synergies of the components in this product will reduce the frequency of sump side additions of antimicrobial agents.

**Hocut 795-RHS** is compatible with hard water, is clean running and biostable, which assures long, odor-free sump life. It provides corrosion protection without staining and affords good lubrication for machine ways and indexing mechanisms. Low foaming characteristics make **Hocut 795-RHS** an excellent choice for gun drilling and other high pressure applications.



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**FEATURES**

- \* Clean running/low foam
- \* Excellent corrosion protection
- \* Excellent machining capabilities

**BENEFITS**

- \* Reduced disposal cost/less down time/operator acceptance
- \* In-process protection of machinery and parts
- \* Increased tool life; improves surface finish

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**

|                         |                    |
|-------------------------|--------------------|
| Appearance<br>Neat      | Clear amber liquid |
| Operational pH          | 9.1 – 9.6          |
| Pounds per Gallon, 60°F | 7.61               |
| Specific Gravity        | 0.92               |

**RECOMMENDED USE CONCENTRATION**

|           |              |
|-----------|--------------|
| Machining | 10:1 to 20:1 |
| Grinding  | 20:1 to 25:1 |

**CONCENTRATION CHECKS**

The refractometer factor for **Hocut 795-RHS** is 1.3. Multiply the refractometer reading by this factor to obtain the emulsion concentration in percent.

**SHELF LIFE**

Under normal conditions, the recommended shelf life for **Hocut 795-RHS** is six (6) months.

**SHIPPING INFORMATION**

**Hocut 795-RHS** is shipped in 55 (U.S.) gallon (208 liter) steel drums and in bulk.

**SHIPPING CLASSIFICATION**

Metal Cutting and Drawing Compound

**STORAGE/HANDLING/DISPOSABILITY**

No health or safety hazards exist when **Hocut 795-RHS** 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.

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