

# PRODUCT DATA

## HOUGHTO-DRAW® 7066

### METAL FORMING FLUID FOR USE WITH ALL METALS INCLUDING COPPER, BRONZE AND BRASS

Many of today's modern metal forming shops require the use of one fluid capable of working in many applications on a wide variety of metals. **Houghto-Draw 7066** is such a product. Its versatility can be demonstrated by machines and metals on which it can be used. These include aluminum, carbon steel, alloy steels, and red metals. **Houghto-Draw 7066** is formulated to inhibit staining of the so-called red metals: copper, bronze and brass. Unlike traditional metal forming solutions that change color as the red metal fines build-up in the sump, **Houghto-Draw 7066** remains stable.

**Houghto-Draw 7066** 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 sumpside additions of antimicrobial agents.

**Houghto-Draw 7066** 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 machines and indexing mechanisms. Low foaming characteristics make **Houghto-Draw 7066** an excellent choice for high pressure applications.



**Houghton International Inc.**

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

**FEATURES**

- \* Clean running/low foam
- \* Excellent corrosion protection
- \* Excellent forming 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

Neat

5% Emulsion

Amber fluid

Whitish emulsion

pH, 5% Emulsion

9.4

Pounds per Gallon, 60°F

7.9

**CONCENTRATION CHECKS**

The refractometer factor for **Houghto-Draw 7066** is 1.1. Multiply the refractometer reading by this factor to obtain the emulsion concentration in percent.

**SHELF LIFE**

Under normal conditions, the recommended shelf life for **Houghto-Draw 7066** is six (6) months.

**SHIPPING INFORMATION**

**Houghto-Draw 7066** is shipped in 55 (U.S.) gallon (208 liter) steel drums and in bulk.

**SHIPPING CLASSIFICATION**

Metal Drawing Compound

**STORAGE/HANDLING/DISPOSABILITY**

No health or safety hazards exist when **Houghto-Draw 7066** 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.

**10/03**