

# UNITED

LABORATORIES

**UNITED 964 UNI-KOOL MO Semi-Synthetic Coolant** is a heavy duty, low foaming semi-synthetic coolant specially formulated for ferrous and aluminum machining and grinding applications where high detergency and maximum rust protection are desirable. United 964 provides excellent cooling and chip settling and, when used at recommended concentrations, will provide rust protection of machine tools and equipment.

**UNI-KOOL MO** is a transparent solution formulated to provide for a greatly extended sump life.

**UNI-KOOL MO Features and Benefits:**

- Excellent cooling and lubricating properties for ferrous machining and grinding.
- Extreme pressure additive chemistry.
- Low staining on aluminum.
- Safe on yellow metals.
- Biological resistance.
- Readily settles fines.
- Optimal performance for machining and grinding in moderate to high severity operations at high speeds and reduced cycle time.
- Free of DEA, nitrites, nitrates, and phenols.
- Bacterial and fungal protection extends fluid life and improves workplace environment.

**RECOMMENDED COOLANT CONCENTRATION FOR USE:**

**UNITED 964** is recommended for use in machining (turning, milling, and drilling) ferrous and non-ferrous metals at 5 to 10% concentration, depending on the severity of operation. Moderate severity aluminum machining may also be performed with no surface staining. In stain-sensitive applications, we recommend an isolated plant evaluation be performed before converting to **UNITED 964**. Performance may be affected by local water and process conditions. Grinding should normally be performed at 3 to 6 % use concentration for low feed rate operations and 5 to 10% use concentration for high feed rate processes such as plunge grinding. At concentrations of 5% and above, the maximum biological resistance is observed.

Use of a 0 to 10 refractometer is suggested to manage coolant concentration. Refractometer factor of **UNITED 964** is 1.72.

## UNI-KOOL MO Semi-Synthetic Coolant

UNITED 964

KEEP OUT OF REACH OF CHILDREN.

**CAUTION**

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS.

*PRECAUCION AL USARIO: Si usted no puede leer Ingles, pregunte a alguien que le traduzca esta etiqueta para usted entes de uso.*

Sold Exclusively By:

**UNITED LABORATORIES, INC.**

320 37th Avenue • St. Charles, IL 60174

1-800-323-2594 • [www.unitedlabsinc.com](http://www.unitedlabsinc.com)

**SPILL:**

In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

**HANDLING AND STORAGE:**

Keep out of reach of children. Keep container tightly closed when not in use.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Immediately flush with plenty of water for at least 15 minutes. If irritation occurs get medical attention.

**SKIN:** Immediately flush with plenty of water for at least 15 minutes. Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes before reuse. If irritation persists get medical attention.

**INHALATION:** Remove to fresh air immediately. Get medical attention if symptoms appear.

**INGESTION:** DO NOT induce vomiting. If conscious, give several glasses of water to drink. Get medical attention.

An MSDS for this product is available through United's website, [www.unitedlabsinc.com](http://www.unitedlabsinc.com), providing 24 hour access. Please read the MSDS carefully and follow all directions when using or handling this product. Never reuse empty containers. Incompatible materials may adversely react.

**HMIS® III CODE:**

0=MINIMAL  
1=SLIGHT  
2=MODERATE  
3=SERIOUS  
4=SEVERE

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

**PERSONAL PROTECTION INDEX:**

Glasses and Gloves