

## PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

## QA-S42 COMPOUND

**RichardsApex QA-S42** is a water-soluble oil, weighing approximately 7.83 pounds per gallon. **QA-S42** is carefully formulated for the machining and working of nonferrous metals without darkening or staining of the metal. **QA-S42** is resistant to foaming and contains inhibitors that will prevent rusting of the parts machined.

## RECOMMENDED USES:

Recommended for the machining of ferrous and nonferrous metals. It is especially well suited for brass and copper alloys. For machining, use 1 part of **QA-S42** to 20 – 30 parts of water.

## DRAWING & STAMPING

**QA-S42** may be used either “as supplied” or mixed with 1 – 20 parts of water.

## GRINDING

Mix 1 part of **QA-S42** to 50 – 100 parts of water.

## QUENCH SYSTEMS

A 1 – 2% emulsion of **QA-S42** used in the quench or water seal of copper annealing furnaces imparts a thin protective lubricant coating on the metal which facilitates despooling of the wire and protects it from tarnishing between processing.

## ROLLING BRASS & COPPER

For extreme, effective lubrication and metal protection of copper and brass, use a 5 – 10% concentration of **QA-S42** in water.