

# Eberle

## FLUID TECHNOLOGY

### SOLTECH 100

#### WATER SOLUBLE METALWORKING FLUID

SOLTECH 100 is a chlorine-free water emulsifiable sawing, machining and grinding fluid. SOLTECH 100 forms a clean stable emulsion in all water types and is formulated with a biocide to extend the serviceable sump life of the emulsion.

#### APPLICATION/USAGE:

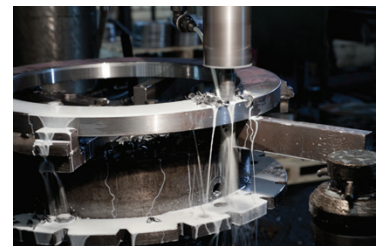
SOLTECH 100 combines tenacious film strength with improved cooling capacity found only in water reducible products. It is particularly well suited for a variety of cutting and grinding operations such as sawing, broaching, tapping, gear shaping, deep drilling, boring, screw machining, end milling, and reaming of hard steels and nickel alloys.

#### FEATURED BENEFITS:

- Water Soluble
- Chlorine Free
- 1:1 Dilution
- All-Purpose
- Clean and Stable Emulsion in all water types
- Formulated with biocide to extend sump life

#### MIXING INFORMATION:

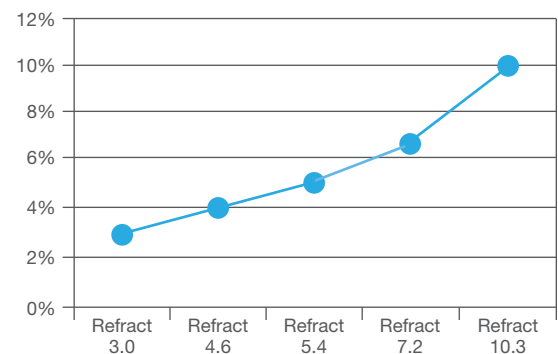
SOLTECH 100 metalworking fluid is to be mixed with water for use. Always add product concentrate to the water, not water to product concentrate. Product concentration can easily be monitored by refractometer.



#### RECOMMENDED MIXED PERCENTAGE BY APPLICATION

OPERATION	HIGH ALLOY STEELS	TOOL STEELS	NICKEL ALLOYS
Broaching, Tapping	10%	10%	10%
Sawing, Gear Shaping, Deep Drilling, Form Milling, Tapping	5%	6.7%	6.7%
Grinding: I.D., O.D., Centerless	3.3%	3.3%	3.3%

#### CONCENTRATE % VS. REFRACT SCALE



## PRODUCT SPECIFICATIONS:

Fluid Type .....	Soluble Oil
Appearance/Odor .....	Dark blue-green liquid / Mild Chemical Odor
Specific Gravity, 60°F (15.6°C) .....	0.92
Weight, lb/gal., 60°F (15.6°C) .....	7.66
Boiling Point .....	Initial = 212°F (100°C)
Flash Point.....	350°F (176°C)
Freezing Point.....	-10°F (-23°C)
<i>Product remains stable through three freeze/thaw cycles</i>	
pH (5% dilution).....	9.6



## SHIPPING-AVAILABILITY:

SOLTECH 100 is available in 4/1 gallon bottles (case), 5 gallon pails, 55 gallon drums, 275 gallon totes, and bulk quantities.

## SAFETY-DISPOSAL:

Emergency and First Aid Procedures

- **Eye Contact:** If splashed into the eyes, flush with clean water for 15 minutes or until irritation subsides. If irritation persists, call a physician.
- **Skin Contact:** In case of contact, remove any contaminated clothing and wash the skin thoroughly with mild soap and water. If irritation persists, call a physician.
- **Inhalation:** Remove to fresh air. Call a physician immediately.
- **Ingestion:** If ingested, call a physician immediately.

Further information regarding health and safety is available upon request.

All products used in SOLTECH 100 have been registered with the federal government and have assigned CAS numbers. Dispose of in accordance with local authority requirements. Protective eye wear and chemical resistant gloves are recommended when handling SOLTECH 100 concentrate.

## DOT LABELING REQUIREMENTS:

Hazardous Materials Description and Proper Shipping Name (49 CFR 172.101): Not a Hazardous Material.  
Hazardous Class (49 CFR 172.101): Not Applicable.

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**SAVE MONEY AND  
INCREASE EFFICIENCY  
WITH A REFRACTOMETER!**



\$85 Plus Shipping

**AUTHORIZED DISTRIBUTOR:**

6311 RONALD REAGAN DR, SUITE 174  
LAKE SAINT LOUIS, MO 63367  
(314) 406 1102 MAIN  
WWW.EBERLEFLUIDTECHNOLOGY.COM

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MADE BY

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