

SOLVOL 948 JE

TECHNICAL DATA SHEET

DESCRIPTION:

SOLVOL 948 JE is a premium quality general purpose emulsifiable oil for use in light-to moderate duty machining operations where excellent rust protection properties are required. **SOLVOL 948 JE** emulsions also function as a coolant, effectively removing heat from the work piece. Emulsions of **SOLVOL 948 JE** have outstanding stability and wetting qualities to insure complete and uniform metal coverage.

SOLVOL 948 JE is designed for rust protection of ferrous metals (steel, cast iron) in immersion and spray systems. Emulsions of **SOLVOL 948 JE** leave a thin, relatively dry film which provides 3 – 6 months or longer indoor storage protection against rust and oxidation.

PROPERTIES:

Appearance:	Clear, brown liquid with a mild odor.
Specific Gravity:	0.92
pH (10% emulsion):	9.5 – 10.0
Flash point	315°F. minimum (COC)

APPLICATION:

Immersion or spray: **SOLVOL 948 JE** is added to water at 2 – 4% by volume. Contact time is typically 0.5 – 1.5 minutes. Corrosion protection is optimized when **SOLVOL 948 JE** is applied via a final rinse to previously cleaned parts. Temperature of the emulsion can be varied from 60°F. – 120°F. as required for dry off and handling purposes.

SOLVOL 948 JE may be used at much higher concentrations as conditions and requirements warrant. Contact your Madison Chemical representative for details to fit your operation.

Concentration is determined with a 10440 Industrial Fluid Tester T/C Hand Refractometer by American Optical. The refractometer reading is multiplied by the factor 1.0 to determine percent by volume.

EXAMPLE: Reading = 6.5, therefore $6.5 \times 1.0 = 6.5\%$ v/v.

PRODUCT CAUTIONS:

WARNING! May cause skin or eye irritation. May be harmful if swallowed. Contains light hydrotreated naphthenic oil. During use, wear safety eyewear and impermeable-type gloves.

EMERGENCY FIRST AID:

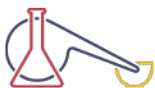
EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

Keep from freezing.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.



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