PAROIL 51-NR

Chlorinated Alkane

Extreme Pressure Additive, Flame Retardant, Plasticizer

Paroil 51-NR is a chlorinated compound. It is a nonflammable, non-corrosive, low volatile liquid at room temperature. It contains a stabilizer to maintain product integrity during transport and storage. **Paroil 51-NR** is used in a wide variety of applications including flame retardants, plasticizers and EP metalworking packages.

For metalworking applications, **Paroil 51-NR** is typically (but not limited to) applied in straight oil machining, drawing and stamping fluids. The following information represents typical starting point formulation guidelines:

	% Weight
Straight Oil (Machining)	3-10
Straight Oil (Drawing and Stamping)	5-30

Paroil 51-NR contains no substances subjected to reporting requirements (of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372).

Paroil 51-NR may be stored in an original container or bulk storage tank. Exposure to 0°F for an extended period will cause significant viscosity increases. To reverse this, drums need to be returned to 80-90°F. Recommended storing temperatures range from 80-100°F. Blending should not exceed 130°F. Prolonged exposure to temperatures in excess of 100°F may result in darkening of product and release of corrosive by-products.

TYPICAL PROPERTIES

Property	Typical Result
Chlorine, %	51
Specific Gravity @ 25°C	1.23
Density (lb/gal)	10.2
Viscosity @ 100F°, SUS	830
Viscosity @ 210F°, SUS	56
Color, ASTM	0.5
Flash Point, °F (COC)	>450

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3676 Davis Road NW, Dover, OH 44622
330-343-7711 · 800-321-8805 · Facsimile 330-365-3926 · www.doverchem.com

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