

Nordson Type K Fluid

Product Description:

Nordson Type K Fluid is an Epoxidized Soybean Oil. Type K Fluid is a viscous yellow liquid, having a bland odor. Type K Fluid is slight.

Applications:

The Type K fluid is a solvent used in Nordson pumps (Primarily the Solvent-Based CP Pump & 25B Pumps in Liquid/Container, and Rhino Pumps). The solvent chamber holds solvent chamber fluid, which lubricates the hydraulic plungers and reduces wear on the packings.

Pumps use this fluid to lubricate the plunger and packing gland seals; prevents material from hardening on the plunger rod.

Storage and Handling:

Type K Fluid is stable and non-reactive under normal conditions of use, storage and transport. It is incompatible with oxidizer, acids or bases.

DOT Classification—Type K Fluid is not classified as hazardous materials.

Packaging:

Quart 1 Gallon, 5
Gallon Containers

Type K Fluid General Information

Typical Composition, wt%

Epoxidized Soybean Oil

100

Physical Properties

Physical state	Viscous liquid
Appearance	Clear to slightly hazy
Color	Light yellow
Odor	Bland
Odor threshold	NA = Not Applicable
Physical state comments	extremely viscous liquid at room temperatures
pH	Not Applicable
Melting point	Not Applicable
Freezing point	No data available
Initial boiling point and boiling range	399 C
Flash point	310 C
Evaporation rate (n-butyl acetate = 1)	NA = Not Applicable
Vapor pressure	0.01 mm @ 20 C
Relative vapor density	25
Relative density	.993
Solubility	Slight
Partition coefficient n-octanol/water (logarithmic value):	No data available.
Auto-ignition temperature	NA = Not Applicable
Decomposition temperature	No data available
Pour point	No data available
Weight per volume	8.18 lb/gal
Explosive properties	No data available
Oxidizing properties	No data available