Appropriate engineering

controls

Use adequate ventilation to control airborne concentrations below the exposure limits/guidelines. If user operations generate a vapor, dust and/or mist, use process enclosure, appropriate local

exhaust ventilation, or other engineering controls to control airborne levels below the

recommended exposure limits/guidelines.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Suitable chemical protective gloves should be worn when the potential exists for skin exposure.

The choice of an appropriate glove does not only depend on its material but also on other quality

features and is different from one producer to the other. Nitrile gloves are recommended.

Other Wear appropriate chemical resistant clothing if applicable.

Respiratory protection If engineering controls do not maintain airborne concentrations to a level which is adequate to

protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection

Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective

equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid.
Form Lubricant.
Color Amber.

Odor Aliphatic.

Odor threshold Not available.
PH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling

range

Flash point

> 365.0 °F (> 185.0 °C) Pensky-Martens Closed Cup

Not available.

0.8 - 0.9

Evaporation rate Not available.
Flammability (solid, gas) Not applicable.
Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure < 1 mm Hg

Vapor density > 1 (Air=1)

Relative density temperature 60 °F (15.56 °C)

Solubility(ies)

Relative density

Solubility (water) 0 %

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity 120 - 140 cSt

Viscosity temperature 104 °F (40 °C)

Other information

Bulk density 7 - 8 lb/gal

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

FIR No.: 173576 SDS US

Issue Date: 02-17-2022

Version: 01