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 stateLiquid.FormLubricant.ColorRed

Odor Hydrocarbon-like.
Odor threshold Not available.
pH Not available.
Melting point/freezing point Not available.
Initial boiling point and boiling Not available.

range

Flash point >338.0 °F (>170.0 °C) Pensky-Martens Closed Cup

Evaporation rate <1 BuAc

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 0.84 - 0.85 (Water=1)
Relative density temperature 60 °F (15.56 °C)

Solubility(ies)

Solubility (water) Negligible
Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity 28 - 32 cSt

Viscosity temperature 104 °F (40 °C)

10. Stability and reactivity

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

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular

weight hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

Inhalation Based on available data, the classification criteria are not met. Prolonged inhalation may be

harmful.

Skin contactBased on available data, the classification criteria are not met. Prolonged skin contact may

cause temporary irritation.

Eye contact Based on available data, the classification criteria are not met. Direct contact with eyes may

cause temporary irritation.

FIR No.: 179895 SDS US

Version: 01 Issue Date: 12-15-2023