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

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. Liquid. **Form** Color Brown

Odor Not available. **Odor threshold** Not available. Not available. Not available. Melting point/freezing point Initial boiling point and boiling Not available.

range

Flash point > 428.0 °F (> 220.0 °C) Cleveland Open Cup

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

Explosive limit - lower (%) Not available. Explosive limit - upper (%) Not available. Not available. Vapor pressure Not available. Vapor density < 1 (Water=1) Relative density

Solubility(ies)

Solubility (water) Insoluble Not available. Partition coefficient

(n-octanol/water)

Not available. **Auto-ignition temperature Decomposition temperature** Not available. 32.2 cSt **Viscosity**

Viscosity temperature 104 °F (40 °C)

Other information

Pour point -70.6 °F (-57 °C)

10. Stability and reactivity

Reactivity The 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.

Strong oxidizing agents. Incompatible materials

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

weight hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

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

harmful.

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