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.FormLiquid.ColorRed

Odor Characteristic.
Odor threshold Not available.

PH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling Not available.

range

0.9 %

Flash point > 365.0 °F (> 185.0 °C) ASTM D-92

Evaporation rate < 1 (BuAc=1)

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Explosive limit - upper (%) 7 %

Explosive limit - lower (%)

Vapor pressure < 0.01 kPa @ 20 °C

Vapor density > 2 (Air=1)

Relative density 0.86 (Water=1)

Relative density temperature 68 °F (20 °C)

Solubility(ies)

Solubility (water) Negligible
Partition coefficient > 3.5

(n-octanol/water)

Auto-ignition temperature

Not available.

Not available.

Not available.

Not available.

Not available.

Not available.

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.

Ingestion Based on available data, the classification criteria are not met. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhea.

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