Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling 392 °F (200 °C)

range

Flash point 203.0 °F (95.0 °C)

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Upper/lower flammability or explosive limits
Explosive limit - lower (%) Not available.
Explosive limit - upper (%) Not available.

Vapor pressure <0.1 hPa @ 20°C
Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Negligible
Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity 250000 mPa·s @ 20°C

Other information

VOC 0.52 %

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 Avoid temperatures exceeding the flash point. 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. May cause irritation to the

respiratory system. Prolonged inhalation may be harmful.

Skin contact Based on available data, the classification criteria are not met. May be irritating to the skin. May

cause an allergic skin reaction.

Eye contact Based on available data, the classification criteria are not met. May be irritating to eyes.

Ingestion Based on available data, the classification criteria are not met. May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation. May cause respiratory irritation. May

cause an allergic skin reaction.

Information on toxicological effects

Acute toxicity

Components Species Calculated/Test Results

CUMENE (CAS 98-82-8)

Acute Inhalation

LC50 Mouse 2000 ppm, 7 Hours

FIR No.: 196512 SDS US

Version: 01 Issue Date: 04-04-2024 4/7