

Upper/lower flammability or explosive limits**Explosive limit - lower (%)** Not available.**Explosive limit - upper (%)** Not available.**Vapor pressure** <0.7 kPa @ 70 °F**Vapor density** >1 (Air=1)**Relative density** 1.47 (Water=1)**Relative density temperature** 77 °F (25 °C)**Solubility(ies)****Solubility (water)** Not available.**Partition coefficient
(n-octanol/water)** Not available.**Auto-ignition temperature** >842 °F (>450 °C)**Decomposition temperature** 797 - 1157 °F (425 - 625 °C)**Viscosity** Not available.**Other information****VOC** <2 %**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** Avoid temperatures exceeding the decomposition temperature. Avoid temperatures exceeding the flash point. Contact with incompatible materials.**Incompatible materials** Acids. Fluorine.**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** May cause damage to organs by inhalation. Prolonged inhalation may be harmful.**Skin contact** May cause an allergic skin reaction.**Eye contact** Causes serious eye irritation.**Ingestion** May be harmful if swallowed.**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.**Information on toxicological effects****Acute toxicity**

Components	Species	Calculated/Test Results
CALCIUM CARBONATE (CAS 471-34-1)		
<u>Acute</u>		
Oral		
LD50	Mouse	6450 mg/kg
	Rat	6450 mg/kg
STEARIC ACID (CAS 57-11-4)		
<u>Acute</u>		
Oral		
LD50	Rat	4.6 g/kg
Other		
LD50	Mouse	23 mg/kg
	Rat	21.5 mg/kg