

Material Safety Data Sheet

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pH : 7
Boiling point/range : 784 °F (418 °C)
Flash point : > 110 °C

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.
Materials to avoid : Dehydrating Agents.
Reactive metals (e.g. sodium, calcium, zinc etc.).
Materials reactive with hydroxyl compounds.
Oxidizing agents.
Hazardous decomposition products : Heating above 65C in the presence of strong base can liberate acetylene and Methyl Isobutyl Ketone.
Carbon monoxide.
Carbon dioxide (CO2).
Aldehydes.
Flammable hydrocarbon fragments (e.g., acetylene).

11. TOXICOLOGICAL INFORMATION

Acute Health Hazard

Ingestion : LD50 : 6,300 mg/kg
Species : (Rat)
Inhalation : LC50 (1 h) : > 2 mg/l
Species : (Rat)
Skin : LD50 : > 2,000 mg/kg
Species : Rabbit.
Method : Estimated.
Eye irritation/corrosion : Severe eye irritation.
Acute dermal irritation/corrosion : Mild skin irritation.

Chronic Health Hazard

Adult rats were orally administered this material or a component in the diet at the following concentrations 0, 500, 1000, and 2000 mg/kg/day. The offspring were then treated at the same dose levels as their parents for 91 days. Litter size at birth and mean weaning weights were decreased in the 2000 mg/kg/day group. After 91 day on test, a significant increase in liver weights with accompanying microscopic changes was observed in both sexes in the high-dose group. The oral NOEL was 1000 mg/kg/day for both the reproduction and repeated dose phases of this experiment. Rats were orally administered this material or a component in the diet for 28 days at concentrations of 0,