



Flash point	: 200°C (Open cup) as base oil
Evaporation rate	: <1 as base oil
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: Not applicable
Vapor density	: 1 as base oil
Relative density	: 1.19
Solubility(ies) in water	: No data available
Partition coefficient n-octanol / water	: No data available
Auto-ignition temperature	: >450 °C as base oil
Thermal decomposition	: >200 °C as base oil
Viscosity	: Not applicable

10. STABILITY AND REACTIVITY

Stability	: Stable under ordinary temperature and normal pressure
Hazardous reactions	: Halogen, oxidizing material, alkaline material, strong acids material, and flammable material.
Conditions to avoid	: Heat, flame, spark and other source of ignition
Hazardous decomposition products	: Carbon monoxide may occur by combustion.
Incompatible materials	: Oxidizing agents

11. TOXICOLOGICAL INFORMATION

Product Toxicity Data : The toxicity data of this product has not been determined by testing or research because of a mixture, but to our best knowledge. The toxicity data shown below is for basis oil for reference only. If a dangerous detrimental constituent exceeds a cut-off value to raw material, It indicates to the summary at the section 2 (HAZARDS IDENTIFICATION)

Information on likely routes of exposure	: Skin contact, Ingestion, Eye contact
Inhalation	: Inhalation of vapours at elevated temperatures may cause respiratory irritation, coughing, sneezing, headache, and throat pain.
Ingestion	: No significant health effects or gastrointestinal irritation is expected.
Skin contact	: No significant health effects or irritation is expected.
Eye contact	: Contact with eyes under normal product use is not expected to cause irritation. Vapours from heated grease may cause eye irritation, including redness, swelling, pain, and blurred vision.
Acute toxicity	: Graphite LD50: >2000 mg/Kg Oral Rat LC50: > 0.2 mg/L (4 hrs.) Inhalation Rat Dimethyl Polysiloxane LD50: >5000 mg/Kg Oral Rat LD50: >2000 mg/Kg Dermal Rat Silicon dioxide LD50: >3300 mg/Kg Oral Rat LC50: > 0.139 mg/L (4 hrs.) Inhalation Rat LD50: >5000 mg/Kg Dermal Rabbit
Skin corrosion/Irritation	: No significant irritation expected from a single short-term exposure.
Serious eye damage/eye irritation	: Direct contact may cause temporary redness and discomfort.
Respiratory sensitization	: Not classified based on available information.
Skin sensitization	: Not classified based on available information.