











## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance	Black/Dark Brown powder
Odour	Odourless
Odour threshold	No data available
pH	Neutral
Melting point	3500°C (6332°F)
Freezing point	No data available
Boiling point	>6000°C (10832°F)
Flash point	>1900°C (3452°F)
Evaporation rate	No data available
Flammability	No data available
Explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Bulk density	0.5 g/cm <sup>3</sup>
Solubility	Very low (solubility standard)
Partition coefficient: <i>n</i> -octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

### 9.2 Other safety information

No data available.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Hazardous reactions will not occur under normal conditions.

### 10.2 Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).

## 10.5 Incompatible materials

Strong acids, strong bases, strong oxidizers.

## 10.6 Hazardous decomposition products

None expected under normal conditions of use.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

No data available.

#### Skin corrosion/irritation

Prolonged exposure may cause skin irritation.

#### Serious eye damage/eye irritation

May cause eye irritation.

#### Chronic Symptoms

None expected under normal conditions of use.

#### Germ cell mutagenicity

Not classified

#### Carcinogenicity

Not classified

#### Reproductive toxicity

Not classified

#### Specific target organ toxicity - single exposure

Not classified

#### Specific target organ toxicity - repeated exposure

Not classified

#### Aspiration hazard

Not classified

#### Routes of exposure

Eye contact, ingestion, inhalation, skin contact.

#### Signs and Symptoms of Exposure

No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available.

## 12.2 Persistence and degradability

No data available.

## 12.3 Bio accumulative potential

No data available.

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/  
not conducted.

## 12.6 Other adverse effects

Avoid release to the environment.

## SECTION 13: Disposal

### 13.1 Waste treatment methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: Transport

Non-hazardous for road, air and sea transport.

**IATA:** Not regulated as a hazardous material.

**IMO:** Not regulated as a hazardous material.

**RID/ADR:** Not regulated as a hazardous material.

## SECTION 15: Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006, the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

### 15.2 Chemical safety assessment

No chemical safety report/assessment was carried out for this product.



### **SECTION 16: Other Information Warranty**

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