
Storage

Keep container tightly closed.
Keep in areas shielded the light, and at room temperature.

Exposure Controls/**Personal Protection**

Wear protective clothing, safety goggles and rubber gloves.

Physical And Chemical Properties 1) 2)

Appearance White crystalline powder

Melting point 264~296°C (decomposes)

True specific gravity 1.424

Solubility Water : 16.6%

Hazards Information (Stability and Reactivity) 2)

Stability · Reactivity Stable

Dust explosiveness Under limit : 410 g/m³ (temperature 24.5°C, humidity 72%)

Toxicological Information (Health Hazards Information) 3) 4)

Acute toxicity LD₅₀ 6400 mg/kg bw. (rat, oral)

Carcinogenicity Bacterial mutagenicity test : Negative

Ecological Information 2)

Chemical Oxygen Demand (COD Mn) 0.02 g/g max

Biochemical Oxygen Demand (BOD) 1.15 g/g

Disposal Considerations

Burning up the material directly in the incinerator through atomizer may be possible.

Treatment, storage, transportation and disposal must be in accordance with applicable local regulations.

Transport Information

In transportation, confirm no leakage of the container, and secure preventing the container from upset, fall and damage.
Treat sanitarily and avoid high temperature and high moisture.

Regulatory Information

JAPAN Food Additive (JSFA on Food Sanitation Law)

Cosmetics raw materials (Pharmaceutical Affairs Law)

Other Information**Inquiry about information**

Address : Musashino Chemical Laboratory, Ltd.

Sales Division, Sales Administration Section

1-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 JAPAN

Tel: 03 (3274) 5502 Fax: 03 (3275) 2206

References

- 1) The MERCK INDEX 11th edition. (1989)
 - 2) Unpublished data (for Company use :Japanese)
 - 3) Unpublished data
 - 4) JJMT (HEN' IGEN TO DOKUSEI) 5 (6) 579-587 (1982) (Japanese)
-

While MSDS presented here is correct and reliable to the best of our knowledge and belief, because we do not control any applications and conditions of use, they are given without guarantee, and we assume no responsibility with respect thereto.

The matters to be attended to the material are intended for common use, pay close attention to extraordinary handling.

End of MSDS
