

M A T E R I A L S A F E T Y D A T A S H E E T

Company Name: Musashino Chemical Laboratory, Ltd.
 Head Office: Yaesu-DAIBIRU Bldg., 1-1, Kyobashi
 1-Chome, Chuo-ku, Tokyo 104-0031 JAPAN
 Factory: Isohara Plant
 1077-2, Isohara, Isohara-Machi, Kitaibaraki-shi,
 Ibaraki-ken, Japan 319-1541
 Charge Department: Isohara Plant Quality Control Department
 Responsibility for MSDS: Quality Control Manager Masanobu Yamagata
 MSDS Preparation Date July 1, 2007

Trade Name	SODIUM PYRUVATE
Name	SODIUM PYRUVATE (SODIUM 2-OXOPROPANOATE)
Contents	99.0 % up
Formula	CH ₃ COCOONa
MITI No.	(2)-1079 (Law Concerning Examination and Regulation of Manufacture, etc., of Chemical Substances)
CAS No.	113-24-6

Hazards Identification

Hazards Class Not applicable

First Aid ¹⁾

Skin Contact

Immediately flush skin with plenty of water or tepid water.

Eye Contact

Immediately flush eyes with plenty of water at least 15 minutes.

Immediately remove contact lenses if wore.

If irritation persists, call a physician.

Inhalation

Immediately remove to fresh air.

If breathing is difficult, give oxygen, call a physician.

Ingestion

If swallowed, give large quantities of water or solution of salt.

Call a physician immediately.

Fire Fighting Measures ¹⁾

Fire Extinguish

Remove a source of fire. Use a fire extinguisher.

Extinguishing media

Dry Chemicals, Form

Leakage ¹⁾ Wear chemical splash goggles , rubber boots and rubber gloves.
Recover by the way that the powder do not fly about.
In case of small quantities of leakage, clean up with large quantities of water.
Treatment, disposal must be in accordance with applicable local regulations.

Handling and Storage ¹⁾

Handling

Wear protective clothing to prevent skin contact.
After handling, carry out washing hands.

Storage

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

Exposure Controls

Protection

Wear protective clothing, safety glasses, face shield and rubber gloves.

Physical and Chemical Properties

Appearance White to pale yellow crystalline, or crystalline powder.
Melting Point ²⁾ 220~230°C (Decomposition)
Solubility ³⁾ Soluble in water (32.0%)
Bulk density ³⁾ 1750 kg/m³
pH(1→10) pH 4.0~8.0

Hazards Information

Flash Point ²⁾ > 250°C (Cleveland open cup)
Flammability Not flammable
Autoignition temperature Not applicable
Self-reactivity Not applicable
Explosion limits lower limit 70g/m³ (temperature 19°C, humidity 42°C)
Instability Stable in cool and dry.
Reactivity May react with nitride, aldehydes, halide, phosphide.

Toxicological Information (Health Hazards Information) ²⁾

LD₅₀ 5,600mg/kg bw. (rat, oral)
Carcinogenicity
Bacterial mutagenicity test : Negative

Ecological Information

No data available

Disposal Information

In case of a large quantity, it should be treated as industrial wastes.

Transport Information

The materials transportation by vehicles, the sender serves deliverers with instructions for safe handling.

In transportation confirm, load the materials not to upset, fall and damage.

Secure preventing the load from falling.

Regulatory Information

JAPAN None

Additional Information

Inquiry about informations

Address : Musashino Chemical Laboratory, Ltd.

Sales Division, Sales Administration Section

Yaesu-DAIBIRU Bldg., 1-1, Kyobashi

1-Chome, Chuo-ku, Tokyo 104-0031 JAPAN

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

References

- 1) "The Handbook of Prevention for Dangerous Substances
Accident and Emergencies"
KOBKAINAN BOSHOKENKYUKAI published by SEIZANDO
(Japanese)
 - 2) Unpublished data
 - 3) Unpublished data(for Company use :Japanese)
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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 information on products is intended for common products use, so care for extraordinary handling.

End of MSDS
