

## 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, Kitaibarakishi  
 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 LACTATE
Name	SODIUM LACTATE ( Sodium 2-Hydroxypropanoate )
Contents	50% and 60% solution
Formula	CH <sub>3</sub> CH(OH)COONa
MITI No.	(2)-1376 (The Law Concerning Examination and Regulation of Manufacture etc. of Chemical Substances )
CAS NO.	72-17-3

## Hazards Identification

Hazards Class            Not applicable

## First Aid

## 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 .

## Fire Fighting Measures 1)

## Fire Extinguish

Practically not flammable

## Leakage 1)

- Clean up the leaked place with water after confirming local regulations' BOD and COD of the waste water.
- Burn in a incinerator after being absorbed with a combustibile thing like a rags.

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**Handling and Storage 1)**

Handling: Handle the materials on clean clothes and in a cleaned room.

Storage : Keep container tightly closed.

Store in areas shielded the light, and below room temperature.

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**Exposure controls**

Wear protective clothing, safety glasses and rubber gloves.

Set up safety shower , hand washer and eye washer nearby handling the materials. Indicate the positions distinctly.

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**Physical And Chemical Properties**

Appearance            Transparent, clear syrupy liquid.

Specific Gravity    • 1.27 (50% solution)    • 1.33 (60% solution)

Solubility            Freely soluble in water.

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**Hazards Reactivity**

Stability            Stable (in usual state).

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**Toxicological Information (Health Hazards Information) 2)****Carcinogenicity**

Bacterial mutagenicity test : Negative

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**Ecological Information 3)**

Chemical Oxygen Demand (COD Mn) 0.31 g/g

Biochemical Oxygen Demand (BOD) 0.65 g/g

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**Disposal Information**

Disposal must be in accordance with applicable local regulations.

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**Transport Information**

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

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

Secure preventing the load from falling.

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**Regulatory Information**

JAPAN            Food Additive (JSFA on Food Sanitation Law)

Medicant        (JP)

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**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 JAPAN

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**References**

- 1) The Sigma-Aldrich Library of Chemical Safety Data  
Edition II ; Robert E. Lenga
- 2) "TOXICOLOGY FORUM" 6(6)671-678(1983)
- 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.

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End of MSDS

Musashino Chemical Laboratory, Ltd.