

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.
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 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 50%
Name	SODIUM LACTATE (Sodium 2-Hydroxypropanoate)
Contents	50% solution
Formula	CH ₃ 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 combustible thing like a rags.

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.

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.

Physical And Chemical Properties

Appearance Transparent, clear syrupy liquid.

Specific Gravity d20/20 1.27

Solubility Freely soluble in water.

Hazards Reactivity

Stability Stable(in usual state).

Reactivity Stable(in usual state).

Toxicological Information(Health Hazards Information) 2)

Carcinogenicity

Bacterial mutagenicity test : Negative

Ecological Information 3)

Chemical Oxygen Demand(COD Mn) 0.31 g/g

Biochemical Oxygen Demand(BOD) 0.65 g/g

Disposal Information

Disposal must be in accordance with applicable local regulations.

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.

Regulatory Information

JAPAN Food Additive(JSFA on Food Sanitation Law)

Medicant (JP)

Additional Information

Inquiry about informations

Address : Musashino Chemical Laboratory, Ltd.
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Yaesu-DAIBIRU Bldg., 1-1, Kyobashi
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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)

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
