

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 Isostearoyl Lactylate
Name	SODIUM ISOSTEAROYL LACTYLATE (common name)
Content	100%
Composition	Product is mainly consists of sodium salts of isostearoyl lactylates and is a mixture of related acids and their sodium salts.
MITI No.	(7)-2115 [including (7)-2113 etc] (Law Concerning Examination and Regulation of Manufacture, etc., of Chemical Substances)
CAS No.	73231-04-6, 66988-04-3

Hazards Identification

Hazards Class Not applicable

First Aid

Skin Contact

Wash skin with soap.

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.

Ingestion

If swallowed, give large quantities of water or solution of salt.
 Call a physician immediately.

Fire Fighting Measures

Fire Extinguish

Remove a source of fire. In case of small fire, use water spray.
 In case of large fire, use extinguishing media.

Extinguishing Media

Dry chemical, Foam concentrate.

Leakage

Remove a source of fire.
 In case of small quantity, recover with absorbent material and spray with plenty water.

In case of large quantity, be care not to gutter around, recover with absorbent material and spray with plenty water.
Treatment, disposal must be in accordance with applicable local regulations.

Handling and Storage

Handling

Treat the material with care when it is hot, if contact with skin, may be scalded.

Storage

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

Exposure Controls

Protection

Wear suitable protective clothing, gloves and eye protection.

Physical and Chemical Properties 1)

Appearance yellowish liquid.
Specific Gravity ca. 1.0 (normal temperature)
Solubility Insoluble in water. Soluble in ethyl alcohol.

Hazards Information 1)

Flash Point 227°C (Cleveland open cup)
Instability •
Reactivity Gradually hydrolyzed and liberate fatty acid in prolonged contact with water.

Toxicological Information (Health Hazards Information) 2) 3)

Acute toxicity	LD ₅₀ > 6.1g/kg bw. (rat, oral)		
Skin temporary irritation (Revised Federal Register Law, 1964)			
	conc.	P. I. I	Judgement
	100%	7.17	strongly irritant
(reference	15%	1.13	weakly irritant)
Acute eye irritation			
	conc.		
	100%		irritant
(reference	15%		non-irritant)

Ecological Information

Biodegradability Good

Disposal Information

Treatment, storage, transportation and disposal must be in accordance with local regulations. Burning up the material with combustibles.

Transport Information

Secure preventing the load from falling.
Treat the material sanitarilly , and avoid high temperature
and high moisture.

Regulatory Information

JAPAN Pharmaceutical Affairs Law

Additional Information

Inquiry about informations

Address : Musashino Chemical Laboratory, Ltd.
Sales Division, Sales Administration Section
Yaesu-DAIBIRU Bldg., 1-1, Kyobashi
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References

- 1) Unpublished data(for Company use :Japanese)
- 2) Cosmetics and Toiletries, vol.93, Jan.1978
- 3) Drug & Cosmetic Ind. 122(5), 35~ (1978)

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

Musashino Chemical Laboratory, Ltd.