

# MATERIAL SAFETY DATA SHEET

Nikko Chemicals Co., Ltd.  
1-4-8 Nihonbashi-Bakurocho  
Chuoku, Tokyo 103-0002  
JAPAN

Tel: +81-3-3661-1677

Fax: +81-3-3664-8620

Serial No.500450-02

Revision Date: March 18, 2008

## 1. CHEMICAL PRODUCT IDENTIFICATION

Product Name	NIKKOL ALANINATE LN-30
Common Chemical Name	Sodium N-Lauroyl N-Methyl beta-Alanine Aqua Soln.
Product Code (Supplier)	NIKKO CHEMICALS CO., LTD.
INCI Name	SODIUM LAUROYL METHYLAMINOPROPIONATE
CAS Number	21539-58-2
EINECS Number	244-429-3

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Substance

### Information on hazardous ingredients

Chemical Name	%	EINECS No.	CAS Number
---------------	---	------------	------------

## 3. HAZARD IDENTIFICATION

Human Health Hazards: Not expected if handled and used properly.

## 4. FIRST AID MEASURES

### Effects and Symptoms:

Ingestion: No adverse effects known.

Inhalation: No adverse effects known.

Skin Contact: No known effects.

Eye Contact: No known effects.

### First Aid Measures:

Ingestion: Wash inside the mouth and let victim drink 1 to 2 cups of water and milk, unless unconscious. Call a doctor at once.

Inhalation: Supply person with fresh air. If symptoms persist, call a doctor.

Skin contact: Wash away with lots of water and soap. Ask for medical advice if skin is irritated.

Eye contact: Rinse thoroughly with a lot of water for some minutes.  
Call a doctor if necessary.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media/Suitable: Dry chemical. Carbon dioxide. Foam. Sand.

Special Firefighting Procedures: In case of insufficient ventilation, wear suitable respiratory equipment.

Hazardous Thermal (de)composition Products: None

Protection of Firefighters: According to size of fire.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes.

Environmental Precautions:	Do not empty into drains.
Methods of cleaning up	Take up mechanically.

## **7. HANDLING AND STORAGE**

Handling:	Avoid contact with skin and eyes. Wash exposed body parts thoroughly and gargle after handling.
Storage:	Keep away from direct sunlight. Keep container tightly closed.

## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

Respiratory System Protection:	No special respirator needed. In case vapor is produced use proper ventilation and/or respiratory equipments.
Skin and Body Protection:	Wear suitable protective clothing and gloves.
Hand Protection:	Wear suitable gloves.
Eye Protection:	Eye goggles with side shields.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid.
Color:	Colorless to pale yellow.
Odor:	Faint characteristic odor.
pH:	8 – 9 (3 – 100)
Solubility:	
Water and ethanol	Soluble

## **10. STABILITY AND REACTIVITY**

Conditions to avoid:	The data available do not support any physical or chemical hazard.
Materials to avoid:	Not reactive
Hazardous Decomposition Products:	None

## **11. TOXICOLOGICAL INFORMATION**

Acute Toxicity			
Oral	LD50	5g/kg, rat.	
IV Injection	LD50	430mg/kg, rat.	
Skin Irritation:		Light irritation. (30 human, 5 and 10% aq. sol, 48 hrs. closed patch test) Data from a reference citation.	
Eye Irritation:		No data.	
Sensitization:		No data.	

## **12. ECOLOGICAL INFORMATION**

Biodegradation Rate:	97.9% Min.
----------------------	------------

## **13. DISPOSAL CONSIDERATIONS**

Method of Disposal:	Take notice of national special regulations.
---------------------	--

## **14. TRANSPORT INFORMATION**

Land - Road/Railway	This product is not classified according to ADR/RID
Inland Watrways	This product is not classified according to ADN
Sea	This product is not classified according to IMDG
Air	This product is not classified according to IATA
National Transport Regulations	No additional national transport regulations are known to the supplier.

## **15. REGULATORY INFORMATION**

Label Name:

NIKKOL ALANINATE LN-30

---

## **16. OTHER INFORMATION**

---

### **History**

Revised from issue:

August 22, 2007

The statements made here are supposed to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics and are made to the best of our current knowledge.

---