

# 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

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## 1. CHEMICAL PRODUCT IDENTIFICATION

Product Name	NIKKOL AMIDOAMINE MPS
Common Chemical Name	Stearamidopropyl Dimethylamine
Product Code (Supplier)	NIKKO CHEMICALS CO., LTD.
INCI Name	STEARAMIDOPROPYL DIMETHYLAMINE
CAS Number	7651-02-7
EINECS Number	231-609-1

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Substance.

### Information on hazardous ingredients

Chemical Name	%	EINECS No.	CAS Number
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## 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:	Rinse mouth with water and let drink 1 to 2 cups of water, unless unconscious. Call a doctor at once.
Inhalation:	Supply person with fresh air. If symptoms persist, call a doctor.
Skin contact:	Wipe affected part and flush with lots of water. Ask for medical advise 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.

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.

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**6.ACCIDENTAL RELEASE MEASURES**

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Personal Precautions:	Avoid contact with skin and eyes.
Environmental Precautions:	Do not empty into drains.
Methods of cleaning up	Take up mechanically.

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**7. HANDLING AND STORAGE**

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Handling:	Avoid contact with skin and eyes.
Storage:	Keep in a cool place. Keep container tightly closed and dry. Store product only in closed original packaging. Fire cautions.

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**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

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Respiratory System Protection:	No special respirator needed.
Skin and Body Protection:	Wear suitable protective clothing and gloves.
Hand Protection:	Wear suitable gloves.
Eye Protection:	Eye goggles, with side shields.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State:	Powder
Color:	Pale to light yellow
Odor:	Faint characteristic odor
Melting Point	60 - 70
Solubility :	
Water	Soluble
Ignition Point:	232

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**10. STABILITY AND REACTIVITY**

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

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**11. TOXICOLOGICAL INFORMATION**

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**Acute Toxicity:**

Oral (LD50):	14.06±1.80g/kg (rat)
Skin Irritation:	Not an irritant.(Rabbit, 100%) (44 human, 5% aq. sol., 48 hrs.closed patch test
Eye Irritation:	No data.
Sensitization:	Not a sensitizer. (Marmot, 0.1% aq. sol)
Mutagenicity:	Not mutagenic.

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**12. ECOLOGICAL INFORMATION**

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No data.

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**13. DISPOSAL CONSIDERATIONS**

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Method of Disposal:	Take notice of national special regulations.
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**14. TRANSPORT INFORMATION**

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Land - Road/Railway	This product is not classified according to ADR/RID
Inland Waterways	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.

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**15. REGULATORY INFORMATION**

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Label Name: NIKKOL AMIDOAMINE MPS

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**16. OTHER INFORMATION**

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**History**

Revised from issue February 16, 2007

First issue July 19, 2006

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.

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