

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 690 Montrose Avenue
So. Plainfield, NJ 07080
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **Lucentite SPN**
Chemical Name/ Synonyms : Lithium Magnesium Sodium Silicate (And) N-Polyoxypropylene N-Diethyl N,N-Methyl Ammonium Chloride
INCI Name : Lithium Magnesium Sodium Silicate (And) PEG-25 Diethylmoinum Chloride

SECTION 2: COMPOSTION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	EINECS #
Lithium Magnesium Sodium Silicate	53320-86-8	258-476-2
N-Polyoxypropylene N-Diethyl N,N-Methyl Ammonium Chloride	9042-76-6	Polymer

SECTION 3: HAZARD IDENTIFICATION

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

SECTION 4: FIRST AID MEASURES

Effects and Symptoms:

Effects of Overexposure : Coughing, wheezing, shortness of breath when inhaled.
Prolonged inhalation may cause lung damage or lung fibrosis.
May cause itching, irritation and redness after contact with eyes. Although essentially non-toxic when ingested, may cause gastrointestinal irritation if ingested in large quantities.

Medical Conditions Aggravated by Exposure : Persons with respiratory or skin conditions may be at increased risk.

Primary Route(s) of Entry : Inhalation or skin and eye contact.

Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. See physician if irritation persists.
Skin Contact : Flush skin with soap and water for at least 15 min.
Inhalation : Remove to fresh air. If breathing is difficult give oxygen. See physician.
Ingestion : None needed for small amounts. For large amounts, if conscious, give milk to drink, induce vomiting, and call physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : N/A
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water, Dry Chemical, Foam, CO₂
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing.
Unusual Fire And Explosion Hazards : May burn or explode upon ignition if suspended in air as a dust. Vapors are heavier than air and can travel along the ground to remote ignition source.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid skin and eye contact
Environmental Precautions: : Prevent material from contaminating soil or entering sewerage and drainage systems.

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Spill response : Use appropriate NIOHS/MSHA approved respirator. Wear chemical gloves, goggles, and lab coat. Carefully contain spilled material . Deposit spilled material in appropriate waste container. Wash spill area with soap and water.

SECTION 7: HANDLING AND STORAGE

Handling :

Use with adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling and before mealtimes. Follow all MSDS and label precautions even after container is emptied since it may contain residual material.

Storage :

Store containers closed in ambient location.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels:

	OSHA		ACGIH	
Component	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
None Established				

Personal Protection:

Eye Protection : Safety glasses with side shields or goggles
 Skin Protection : Rubber gloves, wash at meals and end of shifts
 Respiratory Protection : Use NIOSH/MSHA approved air purifying respirator as needed to control exposure.
 Ventilation : Provide adequate general mechanical exhaust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°C) : N/A	Percent Volatile By Vol. (%) : None
Freezing Point (°C) : N/A	Vapor Density (Air=1) : N/A
Melting Point (°C) : N/A	Evaporation Rate (Buac=1) : N/A
Vapor Pressure (mm hg) : N/A	Solubility In Water : Insoluble
Specific Gravity (H ₂ O=1) : 1.46	Appearance & Odor : White to pale yellow flake. No odor

SECTION 10: STABILITY AND REACTIVITY

Stable : This product is stable under 240
 Hazardous Polymerization : None
 Conditions To Avoid : The data available do not support any physical or chemical hazard.
 Incompatibility : Acids, alkalis and strong oxidizers
 Hazardous Decomposition Products : None

SECTION 11: TOXICOLOGICAL INFORMATION

N-Polyoxypropylene N-Diethyl N,N-Methyl Ammonium Chloride

Skin Irritation : No irritation
 Eye Irritation : No data
 Oral Toxicity (rat) : LD₅₀ > 5000 mg/kg
 Sensitization : No data

SECTION 12: ECOLOGICAL INFORMATION

Not Data

SECTION 13: DISPOSAL CONSIDERATIONS

Method of Disposal : Dispose of in accordance with all applicable federal, state, and local regulations. Material may be sent to an approved landfill or licensed treatment, storage, and disposal facility.

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SECTION 14: TRANSPORT INFORMATION

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

SECTION 15: REGULATORY INFORMATION

Label Name: Lucentite SPN

SECTION 16: OTHER INFORMATION

Date Prepared : November 2, 1999
Date Revised : January 16, 2003

Note:

The statements made here are intended to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics. This information is furnished without warranty, expressed or implied, except that it is accurate to the best of our current knowledge.