

MATERIAL SAFETY DATA SHEET

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Serilal no.500220-02

Revision Date: July 30, 2007

1. CHEMICAL PRODUCT IDENTIFICATION

Product Name	NIKKOL LECINOL LL-20
Common Chemical Name	HYDROGENATED LYSOLECITHIN
Product Code (Supplier)	NIKKO CHEMICALS CO., LTD.
INCI Name	HYDROGENATED LYSOLECITHIN

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 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 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: Powder. 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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Do not inhale the dust.
Environmental Precautions:	Do not empty into drains.
Methods of cleaning up	Take up mechanically. Rinse the remaining material with lots of water.

7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes.
Storage:	Keep away from direct sunlight. Keep container tightly closed.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory System Protection:	Dust mask with filter for fine dust.
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:	Powder.
Color:	Pale yellow.
Odor:	Faint characteristic odor.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Skin Irritation:	No data.
Eye Irritation:	No data.
Sensitization:	No data.
Acute Toxicity:	No data.

12. ECOLOGICAL INFORMATION

No data.

13. DISPOSAL CONSIDERATIONS

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

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.

15. REGULATORY INFORMATION

Label Name:	NIKKOL LECINOL LL-20
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16. OTHER INFORMATION

History

Revised from issue:	December 3, 1997
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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.
