

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

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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 : **Daitosol 5000SJ**  
Chemical Name/ Synonyms : Ethyl Methacrylate/N-Butyl Acrylate/2-Methylhexyl Acrylate Copolymer Emulsion  
INCI Name : Water (And) Acrylates/Ethylhexyl Acrylate Copolymer

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	CAS #	EINECS #
Water	7732-18-5	231-791-2
Ethyl Methacrylate/N-Butyl Acrylate/2-Methylhexyl Acrylate Copolymer	42398-14-1	polymer
Laureth-20 (Laulyl Alcohol + Oxirane)	9002-92-0	203-928-0, 200-849-9

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## SECTION 3: HAZARD IDENTIFICATION

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No particular danger

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## SECTION 4: FIRST AID MEASURES

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### 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. In case of excessive ingestion, drink more than two glasses of water or milk and induce vomiting, and call a physician,

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## SECTION 5: FIRE FIGHTING MEASURES

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Flash Point (Closed Cup) : > 300 F  
Flammable Limits LEL/UEL % : N/A  
Extinguishing Media : Dry Chemical, Foam, CO2  
Special Fire Fighting Procedures : Extinguishing on intercepting air preferably.  
Unusual Fire And Explosion Hazards : None.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions : Eye contact and excessive skin contact.  
Environmental Precautions: : Prevent material from contaminating soil or entering sewerage and drainage systems.  
Spill response : Use appropriate NIOHS/MSHA approved respirator. Wear chemical gloves, goggles, and lab coat. Soak up with absorbent materials and clean up by cloth and thin wash by soap and water.

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## SECTION 7: HANDLING AND STORAGE

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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. Avoid high temperature and high humidity.

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## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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Daitosol 5000SJ

**Exposure Levels:**

<u>Component</u>	OSHA		ACGIH	
	<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) : 100°C	Percent Volatile By Vol. (%) : 49.7 %
Freezing Point (°C) : < -10°C	Vapor Density (Air=1) : < 1
Melting Point (°C) : N/A	Evaporation Rate (Buac=1) : > 1
Vapor Pressure (mm Hg) : N/A	Solubility In Water : Dispersible
Bulk Density (g/cbi.) : N/A	Appearance & Odor : White milky emulsion, Characteristic Odor
Specific Gravity (H <sub>2</sub> O=1) : 0.9 – 1.0	

**SECTION 10: STABILITY AND REACTIVITY**

- Stable : Yes
- Hazardous Polymerization : Will not occur
- Conditions To Avoid : Open flames and sparks, extreme heat.
- Incompatibility : None.
- Hazardous Decomposition Products : Incomplete combustion can form CO, CO<sub>2</sub>, acrylate monomers and dense smoke

**SECTION 11: TOXICOLOGICAL INFORMATION**

- Skin Irritation : Not determined.
- Primary Eye Irritation : Non-irritating, RC<sub>50</sub> = 5.5, 95 % confidence :3.4 –9.0%(CAMVA)  
BCOP: in-vitro score is 5.5.
- Acute Oral Toxicity : Not determined.
- Sensitization : Not determined.

**SECTION 12: ECOLOGICAL INFORMATION**

No information is available.

**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.

**SECTION 14: TRANSPORT INFORMATION**

No information is available.

**SECTION 15: REGULATORY INFORMATION**

No information is available.

**SECTION 16: OTHER INFORMATION**

- Date Prepared : June 22, 1998
- Last revised : January 10, 2003
- Last revised : September 20, 2004

**Note:**

## Daitosol 5000SJ

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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.