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Lapmaster  
International



## MATERIAL SAFETY DATA SHEET

Date: February 2006

### Section #1: PRODUCT AND COMPANY IDENTIFICATION

Lapmaster International, LLC  
6400 Oakton Street  
Morton Grove, IL 60053

Telephone: (847) 967-2975 (Office Hours 8:00 a.m. to 5:30 p.m. CST)

Product Identification: Water Soluble Cleaning Agent Concentrate  
Product Name: Semiconductor Cleaning Formulation LAP5-LM725-3

### Section #2: COMPOSITION INFORMATION ON INGREDIENTS

#### Ingredient Information:

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
"This product contains no reportable hazardous materials"				

### Section #3: HAZARDS INFORMATION

**EMERGENCY OVERVIEW:** Spill may cause slipping hazard

#### **POTENTIAL HEALTH EFFECTS:**

**EYE:** May cause irritation  
**SKIN:** May cause irritation  
**INGESTION:** May cause irritation  
**INHALATION:** No hazard in normal use

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

None Known

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

None Known

**SIGNS AND SYMPTOMS OF EXPOSURE:**

None Known

**CHRONIC / CARCINOGENICITY:**

	N/A
NTP:	N/A
OSHA:	N/A
IARC:	N/A

**Section #4: FIRST AID MEASURES**

**EYES:** Remove Contacts – Flush eyes with water – If irritated, Seek Medical Attention

**SKIN:** Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention

**INGESTION:** Provide plenty of water, do not induce vomiting– Seek Medical Attention

**INHALATION:** Not Probable

**Section #5: FIRE FIGHTING MEASURES**

**FIRE FIGHTING:** Non Flammable

**EXTINGUISHING MEDIA:** N/A

**HAZARDOUS COMBUSTION PRODUCTS:** N/A

**CONDITIONS OF FLAMMABILITY:** N/A

**EXPLOSION DATA:**

**IMPACT SENSITIVITY:** N/A

**STATIC DISCHARGE:** N/A

**Section #6: ACCIDENTAL RELEASE MEASURES**

**GENERAL:** Confine spill, use local and/or federal regulations in the collecting and disposal of material.

**Section #7: HANDLING AND STORAGE**

**HANDLING:** Wear Safety Goggles, Use Protective Gloves

**STORAGE:** Store between 60 & 90 degrees F. Keep containers sealed until ready for use.

**Section #8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** N/A

**PERSONAL PROTECTION:**

**EYE/FACE:** Wear Safety Goggles

**SKIN:** Use Gloves

**RESPIRATORY:** N/A

**Section #9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Clear liquid colored to industry standards  
**ODOR AND APPEARANCE:** No strong odor; Thin Liquid  
**BOILING POINT:** 100 Degrees C  
**MELTING POINT:** N/A  
**PH:** 8.00 (1% solution in DI water)  
**VAPOR PRESSURE (mmHg):** N/A  
**SPECIFIC GRAVITY:** 1.05  
**WATER SOLUBILITY:** Yes  
**% VOLATILES:** N/A  
**EVAPORATION RATE:** < 1.0  
**COEFFICIENT WATER/OIL:** N/A

**Section #10: STABILITY AND REACTIVITY**

**STABILITY:** Extremely Stable  
**STABILITY CONDITIONS TO AVOID:** Extreme Heat or Cold  
**REACTIVITY:** N/A  
**REACTIVITY CONDITIONS TO AVOID:** N/A

**Section #11: TOXICOLOGICAL INFORMATION**

**ACUTE HEALTH HAZARDS:**  
**ACUTE ORAL:** N/A  
**COMPONENTS:** N/A

**Section #12: ECOLOGICAL INFORMATION**

**GENERAL:** This product contains surfactants and may be toxic to aquatic life, do not allow contact with open wet lands. However, this product is completely biodegradable.

**Section #13: DISPOSAL INFORMATION**

**WASTE DISPOSAL:** Comply with State and/or Federal regulations  
**RCRA HAZARDOUS WASTE:** Not RCRA hazardous waste

**Section #14: TRANSPORTATION INFORMATION**

**DOT HAZARD CLASS:** Not Regulated  
**PROPER SHIPPING NAME:** Not Regulated  
**IDENTIFICATION NUMBER:** Not Regulated  
**TDGA:** Not Listed  
**HEALTH:** 1  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0

**Section #15: REGULATORY INFORMATION**

**TSCA STATUS: N/A**  
**WHMIS CLASSIFICATION: N/A**

**Section #16: OTHER INFORMATION**

The information contained in this Material Safety Data Sheet (MSDS) document is believed to be accurate and reliable. Because it is impossible to anticipate all conditions of use, some additional safety precautions may be required. *LAPMASTER INTERNATIONAL, LLC, MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.* Each user should read and understand the information provided and incorporate it into their individual site safety programs as required by applicable hazard communication standards and regulations.

**ABBREVIATIONS:**

<b>ACGIG</b>	<b>American Conference of Governmental Industrial Hygienists</b>
<b>CAS</b>	<b>Chemical Abstracts Service</b>
<b>EPA</b>	<b>Environmental Protection Agency</b>
<b>PEL</b>	<b>Permissible Exposure Limit</b>
<b>PPE</b>	<b>Personal Protective Equipment</b>
<b>EPRCA 313</b>	<b>Emergency Planning &amp; Community Right-to-Know Act, Section 313</b>
<b>WHIMIS</b>	<b>Canadian Workplace Hazardous Material Information System</b>
<b>OSHA</b>	<b>Occupational Health and Safety Administration</b>