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Mt. Prospect, IL 60056 USA
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Lapmaster International

MATERIAL SAFETY DATA SHEET

Date: March 2007

Section #1: PRODUCT AND COMPANY IDENTIFICATION

Lapmaster International, LLC
501 W. Algonquin Road
Mt. Prospect, IL 60056

Telephone: (224) 659-7101 (Office Hours 8:00 a.m. to 5:30 p.m. CST)

Product Identification: Water Soluble Lapping Vehicle #0022
Product Name: Lapmaster #22 Water-Base Lapping Vehicle

Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Alcohol, Water, Glycol, Surfactant

Component Name	Percentage % (by weight)	CAS Number	OSHA PEL	ACGIH TWA
Polyalkaline Glycol	<8%	9003-11-6	N/E	N/E
Triethanolamine	<15%	0102-71-6	5mg/m3	N/A
Monoethanolamine	<10%	0141-43-5	3ppm	6ppm
Phosphate ester	<8%	Mixture	N/E	N/E
Triazine Biocide	<5%	4719-04-4	N/E	N/E
Octanoic Acid	<5%	0124-07-2	N/E	N/E

Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

EYE: May cause mild irritation
SKIN: No normal use hazard, may cause irritation
INGESTION: No normal use hazard, 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 w/water for 15 minutes – Seek Medical Attention
SKIN: Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention
INGESTION: Induce vomiting immediately – Seek Medical Attention
INHALATION: Not probable, remove to fresh air

Section #5: FIRE FIGHTING MEASURES

FIRE FIGHTING: Non Flammable
EXTINGUISHING MEDIA: CO_2, Dry Chemical, Foam
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: Viscous liquid colored to industry standards
ODOR AND APPEARANCE: No detectable odor, clear liquid
BOILING POINT: 212 Degrees F
MELTING POINT: N/A
pH @ 5%: 9.3
VAPOR PRESSURE (mmHg): <0.1mm Hg
SPECIFIC GRAVITY: 1.0314
WATER SOLUBILITY: Yes
% VOLATILES: N/A
VISCOSITY: <32 SUS
EVAPORATION RATE: Slower than Butyl Alcohol
COEFFICIENT WATER/OIL: N/A

Section #10: STABILITY AND REACTIVITY

STABILITY: 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: Contains TEA and Glycol

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

Section #15: REGULATORY INFORMATION

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

Section #16: ADDITIONAL REGULATORY INFORMATION

U.S. Federal Regulations as follows:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA-SARA Hazard Category:
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME: CAS NUMBER WT/WT% is less than, no SARA Section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT: This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: None

Section #17: OTHER INFORMATION

HMIS RATINGS:
Health – 1
Flammability – 0
Reactivity - 0

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 & regulations.

ABBREVIATIONS:

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