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Lapmaster
International



MATERIAL SAFETY DATA SHEET

Date: October 2009

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)
24-Hour Emergency Number: Chemtrec – 1-800-424-9300

Product Identification: Water Soluble Cleaning Agent Concentrate
Product Name: Aqueous Cleaning Formulation LAP5-UCS-EC00-000X

Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Water Soluble Cleaner

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
Morpholine	< 8.0	110-91-8	20ppm	20ppm
Monoethanolamine	< 75.0	141-43-5	3ppm	3ppm

Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

EYE: May cause excessive irritation
SKIN: May cause minor irritation
INGESTION: Harmful if swallowed. May cause headache, dizziness, nausea
INHALATION: High concentrations of vapor or mist may cause irritation of respiratory tract

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin irritation with prolonged contact, exposed skin absorption may allow chemistry to allow harmful amounts to enter system

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 – Seek Immediate Medical Attention
SKIN: Wash with soap and water for 15 minutes – If irritated, Seek Medical Attention
INGESTION: Provide water, *do not* induce vomiting– Seek Immediate Medical Attention
INHALATION: Remove to fresh air immediately, administer oxygen if required.

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 – Amber Liquid
ODOR AND APPEARANCE: Slight Ammonia odor; Thin Liquid
BOILING POINT: >212 Degrees F
MELTING POINT: N/A
PH: >12.00 (concentrate)
VAPOR PRESSURE (mmHg): N/A
SPECIFIC GRAVITY: 1.026
WATER SOLUBILITY: Yes
% VOLATILES: N/A
EVAPORATION RATE: N/A
COEFFICIENT WATER/OIL: N/A

Section #10: STABILITY AND REACTIVITY

STABILITY: Stable
STABILITY CONDITIONS TO AVOID: Extreme Heat
REACTIVITY: N/A
REACTIVITY CONDITIONS TO AVOID: Exposure to strong acids, alkalis, oxidizers

Section #11: TOXICOLOGICAL INFORMATION

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

Section #12: ECOLOGICAL INFORMATION

GENERAL: This product contains 2-Butoxyethanol and may be toxic to aquatic life, do not allow contact with open wet lands.

Section #13: DISPOSAL INFORMATION

WASTE DISPOSAL: Comply with State and/or Federal regulations
RCRA HAZARDOUS WASTE: Refer to code D002

Section #14: TRANSPORTATION INFORMATION

DOT HAZARD CLASS: 8
PROPER SHIPPING NAME: Corrosive Liquid, Basic, Organic, N.O.S.
IDENTIFICATION NUMBER: UN 3267
TDGA: Not Listed
Packing: II (contains Sodium Ethanolmine)

Section #15: REGULATORY INFORMATION

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

HMIS Rating:
HEALTH: 3
FLAMMABILITY: 1
REACTIVITY: 1
PERSONAL PROTECTION: G

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:

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