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Lapmaster
International



MATERIAL SAFETY DATA SHEET

Date: January 13, 2010

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 Oxide Removing Concentrate
Product Name: Aqueous Cleaning Formulation LAP5-UCS-ORO0-0001

Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Water, Acid, Hydroxide

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
Citric Acid	<15.0	77-92-9	N/E	N/E
Ammonium Hydroxide	< 2.0	1336-21-6	50ppm	50ppm

Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

EYE: May cause minor irritation
SKIN: May cause minor irritation
INGESTION: May cause headache, dizziness, nausea
INHALATION: May cause minor irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Drying of the skin with long term exposure, nausea or diarrhea if ingested

HEALTH HAZARDS (ACUTE AND CHRONIC):

None Known

SIGNS AND SYMPTOMS OF EXPOSURE:

None Known

CHRONIC / CARCINOGENICITY:

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 or milk, induce vomiting– Seek 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 or Pink Liquid
ODOR AND APPEARANCE: No strong odor; Thin Liquid
BOILING POINT: >212 Degrees F
MELTING POINT: N/A
PH: 3.00 (concentrate)
VAPOR PRESSURE (mmHg): N/A
SPECIFIC GRAVITY: 1.055
WATER SOLUBILITY: Yes, complete
% 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: N/A

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: Not Regulated
PROPER SHIPPING NAME:
IDENTIFICATION NUMBER:
TDGA: N/A

Section #15: REGULATORY INFORMATION

TSCA STATUS: All Ingredients are Listed

WHMIS CLASSIFICATION: N/A

HMIS Rating:

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: B

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