**** MATERIAL SAFETY DATA SHEET ****

Emergency Phone #: 1-800-424-9300
Information Phone:

Latest Revision Date...12/01/04
Print Date..............12/01/04

SECTION 1  PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER...... LEMON PLUG OUT
TRADE NAME OR CHEMICAL NAME.... LEMON PLUG OUT
SYNONYMS ...... N/A
FORMULA ...... PROPRIETARY
CHEMICAL FAMILY...... DRAIN CLEANER
MOLECULAR WEIGHT ...... N/A
NFPA...... SEE SECTION 8
HMIS RATING...... SEE SECTION 8

SECTION 2  HAZARDOUS INGREDIENTS / HAZARD DATA

CHEMICAL NAME(S) ............ CAS NUMBER  WT  TLV-ACGIH  PEL-OSHA  SEC.313  MTF  IARC  PROP.65
SODIUM HYDROXIDE ...... 1310-73-2  <50  2 MG/ML  2 MG/ML  N0  NO  NO  NO

SECTION 3  REGULATORY DATA

NTP...... NATIONAL TOXICOLOGY PROGRAM
IARC...... INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
PROPOSITION 65...... THIS PRODUCT DOES NOT CONTAIN INGREDIENTS ON THE LIST OF PROPOSITION 65.
STATE OF CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.

SECTION 313 SARA TITLE III...... THE CHEMICAL(S) MARKED WITH A "YES" ON SECTION 313 ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THIS SECTION.

SECTION 4  PHYSICAL DATA

BOILING/MELTING POINT °F/°C ...... 2212°F
PH ...... 12.0
PERCENT VOLATILE BY WEIGHT (%) ...... 50
SPECIFIC GRAVITY OR BULK DENSITY ...... 1.53
SOLUBILITY IN WATER ...... SOLUBLE
APPEARANCE ...... CLEAR RED LIQUID
OdOR ...... LEMON

SECTION 5  FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method) ...... N/A
AUTOIGNITION TEMPERATURE ...... N/A
FLAMMABILITY LIMITS IN AIR (%) ...... NOT DETERMINED
EXTINGUISHING MEDIA ...... WATER, CARBON DIOXIDE, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES ...... USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.
UNUSUAL FIRE & EXPLOSION HAZARDS ...... EXTINGUISH ALL NEARBY SOURCES OF IGNITION

Page 1   EMERGENCY PHONE #: 800-424-9300
LEMON GLUT  

SECTION 6  HEALTH HAZARD DATA - EFFECTS OF OVEREXPOSURE

THRESHOLD LIMIT VALUE:  SEE SECTION 2
SIGN OF OVEREXPOSURE:

EYES: WILL CAUSE SEVERE BURNS THAT RESULT IN DAMAGE TO THE EYES AND POSSIBLE BLINDNESS.

SKIN: WILL CAUSE SEVERE BURNS AND IRRITATION WHICH MAY NOT BE IMMEDIATELY PAINFUL OR VISIBLE.

INHALATION: AIRBORNE CONCENTRATIONS OF DUST MIST OR SPRAY MAY CAUSE DAMAGE TO THE UPPER RESPIRATORY TRACT AND THE LUNG TISSUE.

INGESTION: IF SWALLOWED, CAN CAUSE SEVERE BURNS OF MUCOUS MEMBRANES OF THE MOUTH, THROAT AND STOMACH.

CHRONIC: NO KNOWN CHRONIC EFFECTS

SECTION 7  EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, ASSIST BREATHING. SEEK MEDICAL HELP.

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF WATER. REMOVE ANY CONTACT LENSES AND CONTINUE TO FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CONTACT A PHYSICIAN.

SKIN CONTACT: IMMEDIATELY WASH SKIN WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. GET MEDICAL ATTENTION. WASH CLOTHING BEFORE RINSE.

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 8  HMIS RATING SYSTEM

NPA

<table>
<thead>
<tr>
<th>HMIS RATING</th>
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</thead>
<tbody>
<tr>
<td>HEALTH HAZARD: 3</td>
</tr>
<tr>
<td>FIRE HAZARD: 0</td>
</tr>
<tr>
<td>REACTIVITY: 1</td>
</tr>
<tr>
<td>PERSONAL PROTECTION: SEE SECTION 10</td>
</tr>
</tbody>
</table>

SECTION 9  REACTIVITY DATA

PRODUCT STABILITY: STABLE

CONDITIONS TO AVOID: STRONG ACIDS, ACID VAPOR

Hazardous Decomposition Products: GENERATES HYDROGEN GAS IN REACTION WITH SOME METALS

Hazardous Polymerization: WILL NOT OCCUR

CONDITIONS TO AVOID: EXTREME HEAT, OPEN FLAMES

CORROSIVE TO METAL: YES

OXIDIZER: NO

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**LEMON PLUG OUT**

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**SECTION 10 SPECIAL PROTECTION INFORMATION**

Respiratory Protection...NIOSH/MSHA - approved organic vapor/dust acid-gas respirator when vapors or dust are generated above the permissible limit above TLV or PEL.

Ventilation...Local exhaust to control to recommended P.E.L.

Protective Clothing... Gloves, coveralls, aprons, boots, as necessary to prevent skin contact.

Eye Protection... Chemical goggles.

Other Precautions... Clean clothing should be worn daily. Eyewash fountains and safety showers should be easily accessible.

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**SECTION 11 ENVIRONMENTAL DATA**

Environmental Toxicity Data... None Known

Spill or Leak Procedures... Contain, Collect and Dispose Per Local, State and Federal Regulations.

Waste Disposal Method... Per Local, State and Federal Regulations.

Container Disposal... Per Local, State and Federal Regulations.

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**SECTION 12 SHIPPING DATA**

DOT Proper Shipping Name... Compound Cleaning Liquid (Sodium Hydroxide Potassium Hydroxide)

Hazardous Substance 49CFR 172.101 CERCLA... None

DOT Hazard Class... 8

DOT Labels Required... Corrosive

DOT Placards Required... Corrosive

Poison Constituent... None

Bill of Lading Description... Lemon Plug Out

Packing Group... II

UN/NA Code... NA 1750

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**SECTION 13 SUPPLIER INFORMATION**

While American Industrial Supply, Inc. believes the statements set forth herein are accurate as of the date hereof, American Industrial Supply, Inc. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation, and verification.