

American Industrial Supply, Inc.
8714 Darby Ave.
Northridge, CA 91325

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

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

Latest Revision Date...12/01/04
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LEMON PLUG OUT

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	HTP	IARC	PROP. 65
SODIUM HYDROXIDE	1310-73-2	<50	2 MG/M3	2 MG/M3	No	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 @760 mm Hg... >212°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 (% V)... NOT DETERMINED
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES... WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.
UNUSUAL FIRE & EXPLOSION HAZARDS... EXTINGUISH ALL NEARBY SOURCES OF IGNITION

LEMON PLUG OUT

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 REUSE.
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

NFPA
HEALTH HAZARD 3
FIRE HAZARD 0
REACTIVITY 1
SPECIFIC HAZARD
HMIS RATING
HEALTH HAZARD...:3
FIRE HAZARD...:0
REACTIVITY...:1
PERSONAL PROTECTION...: SEE SECTION 10

SECTION 9 REACTIVITY DATA

PRODUCT STABILITY... STABLE
Conditions to Avoid...
CHEMICAL INCOMPATIBILITY... 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

