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MATERIAL SAFETY DATA SHEET

FOR HEALTH HAZARD INFORMATION CALL: 847.222.7100

Section I IDENTIFICATION

P.L.I. POSITIVE PLATE DEVELOPER Product use: OFFSET PRINTING

Section II INGREDIENTS

| Components | CAS No. | %Wt. | OSHA PEL | ACGIH TLV | Other |
|------------------|-----------|-------|----------|-----------|-------|
| WATER | 7732-18-5 | 50-80 | N.A. | N.A. | |
| SODIUM CARBONATE | 497-19-8 | <10 | | | |
| SODIUM SULFATE | 7757-82-6 | <2 | | | |
| SODIUM HYDROXIDE | 1310-73-2 | <4 | | | |

Section III PHYSICAL DATA

BOILING POINT: N.D.
VAPOR DENSITY: (Air = 1) N.D.
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY: (Air = 1) 1.03
PERCENT VOLATILE BY VOLUME: > 75
EVAPORATION RATE: (Butyl Acetate = 1) N.D.
APPEARANCE AND ODOR: Clear liquid, alcohol-like odor.

Section IV FIRE AND EXPLOSION DATA

FLASH POINT: NONE
FLAMMABLE LIMITS: N.A.
AUTOIGNITION TEMPERATURE: N.D.
EXTINGUISHING MEDIA: NONE
SPECIAL FIRE FIGHTING PROCEDURES: NONE

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information set forth herein is furnished free of charge and is based on technical data the Company believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside the Company's control, the Company makes no warranties, express or implied, and assumes no liability in connection with any use of this information.

Section V REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: NONE

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

Section VI HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II

ORAL INGESTION: Swallowing Ethylene Glycol may cause abdominal discomfort or pain, euphoria, central nervous system depression, oliguria, uremia, possible kidney damage, may be fatal.

OVEREXPOSURE SYMPTOMS: May cause nose and throat irritation, may cause kidney damage.
Inhalation may cause dizziness, nausea, headache

EMERGENCY FIRST AID PROCEDURES:

Skin - wash with soap and water

Eyes - flush with water, contact physician

Inhalation - move victim to fresh air

Ingestion - Give 2 glasses of water, Do not induce vomiting, contact physician immediately

Section VII HANDLING AND STORAGE DATA

Store at room temperature.

Hazard class: N.A.

DOT proper shipping name: NOT REGULATED.

SPILL OR LEAK PROCEDURE: Absorb spill with absorbent material, prevent liquid from entering sewers.

WASTE DISPOSAL: In accordance with Federal, State and Local regulations

Section VIII REGULATORY DATA

CERCLA/SUPERFUND, 40 CFR 117, 302: This product does not contain any reportable quantity (RQ) substance.

SARA (TITLE III) - Sections 302, 311, 312, and 313:

Section 302 (40 CFR 355): This product does not contain any ingredients listed as an extremely hazardous substance.

Section 311 and 312 (40 CFR 370): This product contains material that may require reporting under 311 and 312 if stored in large enough quantities.

Toxic Substances Control Act: This product complies with rules and regulations of TSCA.

California Proposition 65: This product does not contain any materials that are currently listed by the State of California under Prop. 65.

N.D. = No Data

N.A. = Not Applicable