

Proofing Technologies, Ltd.  
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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

### 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