

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** ETHOL LPD PAPER DEVELOPER LIQUID DATE: 08/27/06  
CONCENTRATE

**PRODUCT CODE(S):** ET-LPD-L-32; ET-LPD-L-128; ET-LPD-L-5

## SECTION I PRODUCT IDENTIFICATION

**MANUFACTURER:** BRANDESS/KALT/AETNA  
701 CORPORATE WOODS PKWY  
VERNON HILLS, IL 60061

INFORMATION AND EMERGENCY PHONE DURING BUSINESS HOURS  
800-821-5488

FOR EMERGENCY ASSISTANCE INVOLVING A SPILL, LEAK, OR FIRE WITH THIS  
PRODUCT CALL CHEMTREC 800-424-9300.

**PRODUCT FORM:** LIQUID SOLUTION

**SYNONYMS:** NONE

## SECTION II HAZARDOUS INGREDIENTS

COMPONENTS	CAS #	WEIGHT %
SODIUM CARBONATE	5968-11-6	Less than 10%
HYDROQUINONE	123-31-9	Less than 4%

## SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

**BOILING POINT:** 212°F  
**COLOR:** SLIGHT YELLOW  
**SOLUBILITY IN WATER:** COMPLETE  
**EVAPORATION RATE:** <1  
**STABILITY:** PRODUCT IS STABLE UNDER NORMAL CONDITIONS  
**VAPOR PRESSURE:** N/A  
**SPECIFIC GRAVITY:** 1.150 MINIMUM

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** NON FLAMMABLE  
**FLAMMABLE LIMITS:** N/A  
**EXTINGUISHING MEDIA:** CO<sub>2</sub>, DRY CHEMICAL  
**UNUSUAL FIRE FIGHTING PROCEDURES:** NONE KNOWN  
**RESPIRATORY PROTECTION:** WEAR SELF-CONTAINED BREATHING APPARATUS  
PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND  
FULL PROTECTIVE GEAR.

## SECTION V REACTIVITY DATA

**CONDITIONS TO AVOID:** MIXING WITH VERY STRONG ACIDS AND OXIDIZERS.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** SULFUR DIOXIDE GASES  
MAY BE EMITTED.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**SECTION VI HEALTH HAZARD DATA**

CHRONIC EFFECTS OF OVEREXPOSURE/CARCINOGENICITY: NOT LISTED AS A CARCINOGEN BY NTP, IARD, OR OSHA

ACUTE TOXICOLOGICAL PROPERTIES: LOW TOXICITY TO HUMANS

EMERGENCY AND FIRST AID PROCEDURES:

EYES: MAY CAUSE SEVERE EYE IRRITATION. IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS.

SKIN: FLUSH AREA WITH COLD WATER. WASH WITH WARM SOAPY WATER.

INHALATION: MAY CAUSE RESPIRATORY IRRITATION. IF CONDITION PERSISTS SEEK MEDICAL ATTENTION.

IF SWALLOWED: CALL A PHYSICIAN IMMEDIATELY.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

IF SMALL RELEASE: SMALL AMOUNTS MAY BE MOPPED TO A DRAIN AND FLUSHED WITH LARGE QUANTITIES OF COLD WATER.

WASTE DISPOSAL METHOD: COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

STORAGE AND HANDLING: STORE IN A COOL, DARK PLACE. KEEP AWAY FROM EXCESSIVE HEAT AND AIR EXPOSURE.

**SECTION VIII CONTROL MEASURES**

RESPIRATORY PROTECTION: NONE GENERALLY REQUIRED.

VENTILATION: LOCAL, ADEQUATE EXHAUST

EYES: WEAR CHEMICAL GOGGLES.

PROTECTIVE GLOVES: NEOPRENE RUBBER GLOVES.

The opinions expressed herein are those of qualified experts, chemists, and technicians supplied by various chemical manufacturers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information, these opinions, and the conditions of use of the product are not within the control of Brandess/Kalt/Aetna, it is the user's obligation to determine the conditions of safe use of the product..