

MATERIAL SAFETY DATA SHEET
SIMILAR TO OSHA FORM 174

SECTION I
MANUFACTURER/DISTRIBUTOR INFORMATION

DISTRIBUTOR: Kahn Paper Company

ADDRESS: 9001 Hampton Overlook Capitol Heights, MD 20743

EMERGENCY TELEPHONE NUMBER: (800) 426-1127

CHEMICAL NAME AND SYNONYMS: NA Proprietary Blend

TRADE NAME: AD9 ACID DETERGENT DELIMER

CHEMICAL FAMILY: Blended Mineral Acids and Surfactants

FORMULA: N/A Blended Product

HMIS HAZARD CODE: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 1 OTHER: None

SECTION II
HAZARDOUS INGREDIENTS AND FIVE MAJOR COMPONENTS

	% CONCENTRATION (RANGE)	HAZARD RATINGS (TLV/PEL)
Phosphoric Acid (CAS# 7664-38-2)	10.0-12.0	1530 mg/kg
HYDROCHLORIC ACID (CAS# 7647-01-1)	4.0-6.0	5 ppm
2-Butoxy Ethanol (CAS# 111-76-2)	1.0-2.0	50 ppm
AMPHOTERIC SURFACTANT (CAS# 68919-41-5)	<.01	NOT EST.

SECTION III
PHYSICAL DATA

BOILING POINT (oF): 212
VAPOR PRESSURE: = To Water
VAPOR DENSITY: = To Water
SOLUBILITY IN WATER: Complete
APPEARANCE: Free Flowing Liquid
ODOR: Pungent Acid Odor

SPECIFIC GRAVITY: 1.080
% VOLATILES BY WEIGHT: 81
EVAPORATION RATE: = To Water
pH: 1.0 - 2.0

DATE PREPARED: 11-03-2004

BY: JBR

NOTE: Not Est. = Not Established
Prop. = Proprietary

SECTION IV
FIRE AND EXPLOSION DATA

FLASH POINT (oF): N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Water, CO2, Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heated material will liberate
corrosive and irritating fumes.

SECTION V
HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not Est.

EFFECTS OF OVER EXPOSURE: May cause irritation or burns to skin and
eyes. May be harmful if swallowed.

EMERGENCY AND FIRST AID PROCEDURES:

FOR SKIN: Flush area with copious amounts of water. If irritation or
burns are apparent, get medical aid.

FOR EYES: Immediately flush with water for at least 15 minutes. Get
medical aid. Prompt action may save sight.

IF INGESTED: DO NOT INDUCE VOMITING. Immediately give milk, egg white,
antacid, gelatin, or if none of these are available, give
water. GET IMMEDIATE MEDICAL AID.

INHALATION: Remove to fresh air. Get medical aid if necessary.

CONDITIONS AGGRAVATED BY EXPOSURE: None known.

LISTED CARCINOGEN, MUTAGEN, TERATOGEN (INGREDIENT, SOURCE, AMOUNT): None.

SECTION VI
REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: None.

INCOMPATIBILITY: Strong alkaline products, bleach.

HAZARDOUS DECOMPOSITION PRODUCTS: Acidic vapors liberated when heated.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None.

SECTION VII
SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: For small spills,
rinse to local drains. For larger spills, neutralize with sodium
bicarbonate (baking soda), sodium carbonate (baking powder, soda ash).
Recontainerize by mopping, wet vacuum or by using a suitable absorbent.
Rinse remaining material to drains.

WASTE DISPOSAL METHOD: Follow local, state and federal guidelines.

SECTION VIII
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required.

VENTILATION: Local.

PROTECTIVE GLOVES: Latex or rubber gloves required.
EYE PROTECTION: Goggles or safety glasses required.
OTHER PROTECTIVE EQUIPMENT: None required.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store near
alkaline materials.
Store between 34o
and 120o F.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. FOR SALE TO, USE AND
STORAGE BY SERVICE PERSONNEL ONLY.

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