

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: N/A Blended Alkaline Cleaner

TRADE NAME: R2D POWER CLEANER

CHEMICAL FAMILY: Blended Alkaline, Synthetic and Natural Cleaner

FORMULA: N/A Blended Product

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

SECTION II  
HAZARDOUS INGREDIENTS AND FIVE MAJOR COMPONENTS

	% CONCENTRATION (RANGE)	HAZARD RATINGS (TLV/PEL)
Sodium Hydroxide (CAS# 1310-73-2)	1.0-5.0	2 mg/m3
2-Butoxy Ethanol (CAS# 111-76-2)	1.0-5.0	50 ppm
Sodium Tallate (CAS# Not Est.)	1.0-5.0	Not Est.
Nonylphenoxypolyethyleneoxy Ethanols (CAS# 9016-45-9)	1.0-5.0	Not Est.

SECTION III  
PHYSICAL DATA

BOILING POINT (oF): 212  
VAPOR PRESSURE: = To Water  
VAPOR DENSITY: = To Water  
SOLUBILITY IN WATER: Complete  
APPEARANCE: Thin, Clear Purple Liquid  
ODOR: Cherry Scented

SPECIFIC GRAVITY: 1.026  
% VOLATILES BY WEIGHT: 90  
EVAPORATION RATE: = To Water  
pH: 13.0 - 13.5

DATE PREPARED: 11-03-2004

BY: JBR

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

SECTION IV  
FIRE AND EXPLOSION DATA

FLASH POINT (oF): None to boiling.            FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: Water, CO2, Dry Chemical, Foam.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Heated material may liberate  
irritating fumes.

SECTION V  
HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not Est.  
EFFECTS OF OVER EXPOSURE: May cause irritation and burns to skin and  
eyes. If ingested may cause burns to mouth,  
throat and gastrointestinal system.

EMERGENCY AND FIRST AID PROCEDURES:

FOR SKIN: Wash affected area thoroughly with water. If irritation  
persists, get medical advice.  
FOR EYES: Flush with water for at least 15 minutes. Get immediate  
medical aid.  
IF INGESTED: DO NOT INDUCE VOMITING. Give milk, egg white, gelatin, or  
if none of these is available, give water. Get immediate  
medical aid.  
INHALATION: Not known to cause inhalation problems.

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 acids and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides.  
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, 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: Rubber or Latex Gloves Required.  
EYE PROTECTION: Safety Glasses or Goggles Required.  
OTHER PROTECTIVE EQUIPMENT: None Required.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store between 34o  
and 120o F.

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