MATERIAL SAFETY DATA SHEET
SIMILAR TO OSHA FORM 174

SECTION I
MANUFACTURER/DISTRIBUTOR INFORMATION

MANUFACTURER/DISTRIBUTOR: DICKLER CHEMICAL LABORATORIES, INC.

ADDRESS: 4201 TORRESDALE AVENUE PHILADELPHIA, PA. 19124

EMERGENCY TELEPHONE NUMBER: (800) 426-1127

CHEMICAL NAME AND SYNONYMS: N/A Blended Alkaline Cleaner

TRADE NAME: HD BUTYL DEGREASER 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)
Water (CAS# 7732-18-5)	80.0-90.0	N/A
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: 01-05-1998

BY: TGC

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.