

SIMILAR TO OSHA FORM 174

 SECTION I
 MANUFACTURER/DISTRIBUTOR INFORMATION

DISTRIBUTOR: DCL Solutions

ADDRESS: 4201 Torresdale Avenue PO Box 9523 Phila., PA 19124

EMERGENCY TELEPHONE NUMBER: (800) 617-3220

CHEMICAL NAME AND SYNONYMS: N/A Blended Alkaline Cleaner

TRADE NAME: ~~H-D. MULTIPURPOSE 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

	% CONCENTRATION (RANGE)	HAZARD RATINGS (TLV/PEL)
2-Butoxy Ethanol (CAS# 111-6-2)	prop.	25 ppm
D'Limonene (CAS# 5989-27-5)	prop.	not est.
Sodium Lauryl Sulfate (CAS# 141-21-3)	prop.	not est.
Triethanolamine (CAS# 102-71-6)	prop.	not est.
Nonylphenoxypolyethyleneoxy Ethanols (CAS# 9016-45-9)	prop.	not est.
Hexylene Glycol (CAS# 107-41-5)	prop.	25 ppm

 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: Citrus Scented

SPECIFIC GRAVITY: .921
 % VOLATILES BY WEIGHT: 87
 EVAPORATION RATE: = To Water
 pH: 8.5 - 9.0

DATE PREPARED: 06-07-2000

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 chemical 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 blistering is apparent or 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.

SECTION I
MANUFACTURER/DISTRIBUTORS INFORMATION

DISTRIBUTOR: DCL Solutions
 ADDRESS: 4201 Torresdale Avenue PO Box 9523 Phila., PA 19124
 EMERGENCY TELEPHONE NUMBER: (800) 617-3220
 CHEMICAL NAME AND SYNONYMS: N/A proprietary blend
 TRADE NAME: GLASS & HARD SURFACE CLEANER
 CHEMICAL FAMILY: Blended synthetic detergents and solvents
 FORMULA: N/A proprietary blend
 HMIS HAZARD CODE: HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0 OTHER: None

SECTION II
HAZARDOUS INGREDIENTS

	% CONCENTRATION (RANGE)	HAZARD RATINGS (TLV/PEL)
Isopropanol (CAS# 67-63-0)	prop.	400 ppm
2-Butoxy Ethanol (CAS# 111-76-2)	prop.	25 ppm
Triethanolamine (CAS# 102-71-6)	prop.	not est.
Proprietary Surfactant (CAS# not est.)	prop.	not est.
Colorant (CAS# not est.)	prop.	not est.

SECTION III
PHYSICAL DATA

BOILING POINT (F): Not est.
 VAPOR PRESSURE: Less than water
 VAPOR DENSITY: Not est.
 SOLUBILITY IN WATER: Complete
 APPEARANCE: Thin, clear blue liquid
 ODOR: Pleasantly scented
 DATE PREPARED: 11-11-1999

SPECIFIC GRAVITY: 0.864
 % VOLATILES BY WEIGHT: 95
 EVAPORATION RATE: Not est.
 pH: 10% Solution = 10.41

BY: JBR

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

SECTION IV
FIRE AND EXPLOSION DATA

FLASH POINT (F): 75 F

FLAMMABLE LIMITS: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heated material may liberate irritating fumes. Wear self contained breathing apparatus.

EXTINGUISHING MEDIA: Water, CO2, dry chemical

THRESHOLD LIMIT VALUE: Not Est.

EFFECTS OF OVEREXPOSURE: May cause skin and eye irritation. May be harmful if swallowed.

EMERGENCY AND FIRST AID PROCEDURES:

FOR SKIN: Wash affected area with soap and water. If irritation persists, get medical advice.

FOR EYES: Flush with water for at least 15 minutes. If irritation persists, get medical advice.

IF INGESTED: DO NOT INDUCE VOMITING. Give milk, egg white, gelatin or if not available, give water. Get immediate medical aid.

FOR INHALATION: Not a hazardous route of exposure.

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 large spills, recontainerize by mopping, wet vacuum or use of a suitable absorbent. Rinse remaining material to local drains.

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

SECTION VIII
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Generally not required

VENTILATION: Generally not required

PROTECTIVE GLOVES: Generally not required

EYE PROTECTION: Generally not required

OTHER PROTECTIVE EQUIPMENT: None required

SECTION IX
SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool dry area.

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