

**MATERIAL SAFETY DATA SHEET****Glass & Hard Surface Cleaner • Concentrate**

SIMILAR TO OSHA FORM 174

**SECTION I • MANUFACTURER/DISTRIBUTOR INFORMATION**

MANUFACTURER/DISTRIBUTOR: DCL Solutions  
 ADDRESS: 4201 Torresdale Avenue P.O. Box 9523 Philadelphia, 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 Blended Product  
 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# 111-6-2)	prop.	25ppm
2-Amino Ethanol (CAS# 141-43-5)	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. SPECIFIC GRAVITY: 0.864  
 VAPOR PRESSURE: less than water  
 % VOLATILES BY WEIGHT: 95 VAPOR DENSITY: not est.  
 EVAPORATION RATE: not est. SOLUBILITY IN WATER: Complete  
 pH: @ use dilution 10.0-11.0 APPEARANCE: Thin, Clear, Blue Liquid  
 ODOR: Pleasantly Scented  
 DATE PREPARED: 5-18-01 BY: JBR  
 NOTE: Not Est. = Not Established Prop. = Proprietary

**SECTION IV • FIRE AND EXPLOSION DATA**

FLASH POINT (°F): 75 °F FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: Water, CO2, Dry Chemical, Foam.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Heated material may liberate irritating fumes.  
 Wear self contained breathing apparatus.

**SECTION V • HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: Not Est.  
 EFFECTS OF OVER EXPOSURE: 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 none of these is available, give water. Get immediate medical aid.  
 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.  
 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 the use of a suitable absorbent. Rinse remaining material to 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.  
 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.

**MATERIAL SAFETY DATA SHEET****Glass & Hard Surface Cleaner • Use Dilution**

SIMILAR TO OSHA FORM 174

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 ADDRESS: 4201 Torresdale Avenue P.O. Box 9523 Philadelphia, 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 Blended Product  
 HMIS HAZARD CODE: HEALTH: 1 FLAMMABILITY: 0 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# 111-6-2)	prop.	25ppm
2-Amino Ethanol (CAS# 141-43-5)	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): 200 °F SPECIFIC GRAVITY: 0.997  
 VAPOR PRESSURE: not est.  
 % VOLATILES BY WEIGHT: >99 VAPOR DENSITY: not est.  
 EVAPORATION RATE: not est. SOLUBILITY IN WATER: Complete  
 pH: 10.0-11.0 APPEARANCE: Thin, Clear, Blue Liquid  
 ODOR: Pleasantly Scented  
 DATE PREPARED: 5-18-01 BY: JBR  
 NOTE: Not Est. = Not Established Prop. = Proprietary

**SECTION IV • FIRE AND EXPLOSION DATA**

FLASH POINT (°F): not est. FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: Water, CO2, Dry Chemical, Foam.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Heated material may liberate irritating fumes.  
 Wear self contained breathing apparatus.

**SECTION V • HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: Not Est.  
 EFFECTS OF OVER EXPOSURE: 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 none of these is available, give water. Get immediate medical aid.  
 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.  
 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 the use of a suitable absorbent. Rinse remaining material to 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.  
 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.