

**CLASSIFICATION:** 10810 Hand Dryers

**PRODUCT DESCRIPTION:** The XLERATOReco® Hand Dryer(XL-ECO-BW-110-120V, XL-ECO-BW-208-277V, XL-ECOBW-230V, XL-ECO-SB-110-120V, XL-ECO-SB-208-277V, XL-ECO-SB-230V) is materially identical to XLERATOR, with the exclusion of the heating element. The operation of this product, without a heating element, results in lower wattage. Facilities around the world use XLERATOReco to save time, money, and the environment while creating a cleaner, more hygienic restroom.

## Section 1: Summary

## Basic Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold Disclosed Per

- Material  
 Product

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes  No

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No

*% weight and role provided for all substances except SC substances characterized according to SC guidance.*

**Screened**  Yes Ex/SC  Yes  No

*All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.*

**Identified**  Yes Ex/SC  Yes  No

*All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC guidance.*

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

**XLERATORECO® HAND DRYER** [ SC:MOTOR ASSEMBLY Not Screened  
**CARBONIC DICHLORIDE, POLYMER WITH 4,4'-(1-METHYLETHYLIDENE)BIS(PHENOL), 4-(1-METHYL-1-PHENYLETHYL)PHENYL ESTER** NoGS **STEEL MANUFACTURE, CHEMICALS** LT-UNK **ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER** LT-UNK **RESORCINOL BIS-DIPHENYLPHOSPHATE** BM-2 **SC:CONTROL ASSEMBLY AND CONTROL ASSEMBLY CIRCUIT BOARD** Not Screened **POLYVINYL CHLORIDE (PVC)** LT-P1 | RES **SC:MOTOR SPEED CONTROLLER** Not Screened **CARBON BLACK** LT-1 | CAN **SC:OPTICS ASSEMBLY** Not Screened **PHENOL FORMALDEHYDE** LT-P1 | RES **BENZOTRIAZOLE** LT-UNK | CAN **GRAPHITE** LT-UNK **KAOLIN CLAY** LT-UNK | CAN **MICA** LT-UNK **POLYETHYLENE** LT-UNK **TALC** BM-1 | CAN ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

Special conditions applied: Electronics

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

Excel Dryer worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: No VOC Certification

Other: Environmental Product Declaration (EPD) by UL - Industry Generic

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: **ToxServices LLC**

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-09-26

PUBLISHED DATE: 2019-08-22

EXPIRY DATE: 2021-09-26



# Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

## XLERATORECO® HAND DRYER

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Excel Dryers worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

OTHER PRODUCT NOTES:

### SC:MOTOR ASSEMBLY

ID: SC:Electronics

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-09-26

#: 41.14 - 41.14

GS: Not Screened

RC: None

NANO: No

ROLE: Motor Assembly

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: Motor Assembly Including motor, fan and rotor assemblies. Component ingredients composed of materials such as steel, fiberglass, ABS, and aluminum/iron/copper.

Compliance: RoHS Compliant

Takeback Program: N/A

This substance was properly screened by the HPD Approved Preparer.

### CARBONIC DICHLORIDE, POLYMER WITH 4,4'-(1-METHYLETHYLIDENE)BIS(PHENOL), 4-(1-METHYL-1-PHENYLETHYL)PHENYL ESTER

ID: 111211-39-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-09-26

#: 36.98 - 41.91

GS: NoGS

RC: None

NANO: No

ROLE: Cover, Wall Plate and Nozzle Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-09-26**

#: **4.11 - 4.11** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wall Plate and Wiring Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. Steel Grades identified as AISI 4307 and Carbon Steel 1022. Impurities present at the following total summed ranges: (C: 0.23 - 0.39); (Si: 0 - 0.26); (Mn: 0.7 - 1); (Mo: 0.21).

**ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER**

ID: **9003-56-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-09-26**

#: **3.94 - 7.40** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Cover, Wall Plate and Nozzle Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

**RESORCINOL BIS-DIPHENYLPHOSPHATE**

ID: **125997-21-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-09-26**

#: **2.96 - 5.92** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Cover, Wall Plate and Nozzle Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The GreenScreen® Benchmark assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.

**SC:CONTROL ASSEMBLY AND CONTROL ASSEMBLY CIRCUIT BOARD**

ID: **SC:Electronics**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-09-26**

#: **2.84 - 2.84** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Control Assembly**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: Control Assembly and Control Assembly Circuit Board including cover, plate, wires, thyristors, additional circuit board components and others. Component ingredients composed of materials such as ABS, steel and aluminum.

Compliance: RoHS Compliant

Takeback Program: N/A

This substance was properly screened by the HPD Approved Preparer.

**POLYVINYL CHLORIDE (PVC)**

ID: 9002-86-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-09-26**

%: **1.86 - 1.86** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Wiring Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. This material is present as a wire jacket coating. The % level of PVC in relation to the steel wire was unavailable, therefore the assumption of % PVC present (1.86%) is equal to that of what the % of total wire is present in the final product (1.86%).

**SC:MOTOR SPEED CONTROLLER**

ID: SC:Electronics

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-09-26**

%: **1.49 - 1.49** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Motor Speed Controller**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: Motor Speed Controller including case-lid, control module, rubber coated knob, adapter plate, bolts and screws. Component ingredients composed of materials such as ABS, steel and rubber.

Compliance: RoHS Compliant

Takeback Program: N/A

This substance was properly screened by the HPD Approved Preparer.

**CARBON BLACK**

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-09-26**

%: **0.49 - 1.05** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Cover, Wall Plate, Terminal Block and Nozzle Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

### SC:OPTICS ASSEMBLY

ID: **SC:Electronics**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-09-26</b>		
%: <b>0.36 - 0.36</b>	GS: <b>Not Screened</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Optics Assembly</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: Optics Assembly including case, light emitting diodes, capacitors and screws. Component ingredients composed of materials such as ABS and steel.

Compliance: RoHS Compliant

Takeback Program: N/A

This substance was properly screened by the HPD Approved Preparer.

### PHENOL FORMALDEHYDE

ID: **9003-35-4**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-09-26</b>		
%: <b>0.15 - 0.29</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Terminal Block Component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

RESPIRATORY      AOEC - Asthmagens      Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

### BENZOTRIAZOLE

ID: **95-14-7**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-09-26</b>		
%: <b>0.00 - 0.10</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Cover, Wall Plate and Nozzle Component</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

### GRAPHITE

ID: 7782-42-5

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2018-09-26</b>			
%: <b>0.00 - 0.20</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Terminal Block Component</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

### KAOLIN CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2018-09-26</b>			
%: <b>0.00 - 0.20</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Terminal Block Component</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

### MICA

ID: 12001-26-2

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2018-09-26</b>			
%: <b>0.00 - 0.29</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Terminal Block Component</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

### POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>	HAZARD SCREENING DATE: <b>2018-09-26</b>			
%: <b>0.00 - 0.29</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Terminal Block Component</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

**TALC**

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-09-26**

#: **0.00 - 0.10**

GS: **BM-1**

RC: **None**

NANO: **No**

ROLE: **Terminal Block Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.1 Builder Tool.



## Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

### VOC EMISSIONS

### No VOC Certification

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **N/A**

**07-10**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Not a VOC Product**

### OTHER

### Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: **Third Party**

ISSUE DATE:

EXPIRY DATE:

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All Facilities**

**2017-07-25**

**2022-07-25**

**Environment**

CERTIFICATE URL: [https://www.exceldryer.com/wp-content/uploads/pdf/ExcelDryer\\_Quantis\\_EPD\\_XLERATOReco.pdf](https://www.exceldryer.com/wp-content/uploads/pdf/ExcelDryer_Quantis_EPD_XLERATOReco.pdf)

CERTIFICATION AND COMPLIANCE NOTES: **Declaration #:4787137936.102.1; Reference PCR: UL PCR for Hand Dryers July 2017**

## Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

### TAMPER PROOF BOLT/WRENCH AND ACCESSORIES

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Use of the Tamper Proof Wrench and Bolt are required during installation of the dryer product.

### HEPA FILTER KIT

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Used when changing out Hepa Filter located within the hand dryer.

## Section 5: General Notes

Excel Dryers worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold. The Special Condition: Electronics, was used in the preparation of this HPD. Please see information on this requirement at [https://www.hpdcollaborative.org/wpcontent/uploads/2018/07/SpecialCondition\\_Electronics.pdf](https://www.hpdcollaborative.org/wpcontent/uploads/2018/07/SpecialCondition_Electronics.pdf).



## MANUFACTURER INFORMATION

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MANUFACTURER: **Excel Dryer**

ADDRESS: **375 Chestnut Street**

**PO Box 365**

**East Longmeadow MA 01028, USA**

WEBSITE: **www.exceldryer.com**

CONTACT NAME: **Debbie Frangie**

TITLE: **Marketing Communication Manager**

PHONE: **(413) 525-4531**

EMAIL: **dfrangie@exceldryer.com**

## KEY

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**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Hazard Types

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**NoGS** Unknown (no data on List Translator Lists)

### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

### Other Terms

#### Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material

**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product

**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology

**Third Party Verified** Verification by independent certifier approved by HPDC

**Preparer** Third party preparer, if not self-prepared by manufacturer

**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*