

Section 1: Summary

Basic Method / Product Threshold

| CONTENT INVENTORY          |                                 |                                                             |
|----------------------------|---------------------------------|-------------------------------------------------------------|
| Inventory Reporting Format | Residuals/Impurities Evaluation | For all contents above the threshold, the manufacturer has: |
| → Basic Method             | → Not Completed                 |                                                             |
| Threshold Disclosed Per    | Explanation(s) provided :       | Characterized                                               |
| → Product                  | Yes                             | Provided weight and role. Yes                               |
| Threshold Level            |                                 | Screened                                                    |
| → 100 ppm                  |                                 | Provided screening results using HPDC-approved methods. Yes |
|                            |                                 | Identified                                                  |
|                            |                                 | Provided name and CAS RN or other identifier. Yes           |

| 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. | Number of Greenscreen BM-4/BM3 contents ... 0                                                                                                                                                                                                          |
| PRODUCT   MATERIAL OR SUBSTANCE   RESIDUAL OR IMPURITY<br>GREENSCREEN SCORE   HAZARD TYPE                                                                                                                                                                                                                                                       | Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None                                                                                                                                                                             |
| KEMPEROL® CP CATALYST POWDER [ BENZOYL PEROXIDE BM-2 ]<br>MUL   EYE   PHY   MAM   SKI   AQU ETHYLENE GLYCOL<br>DIBENZOATE NoGS                                                                                                                                                                                                                  | Nanomaterial ... No                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                 | INVENTORY AND SCREENING NOTES:                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                 | Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.                                                                          |
|                                                                                                                                                                                                                                                                                                                                                 | Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials. All intentionally added ingredients and known impurities were considered |

| VOLATILE ORGANIC COMPOUND (VOC) CONTENT                       | CERTIFICATIONS AND COMPLIANCE                                 |
|---------------------------------------------------------------|---------------------------------------------------------------|
| VOC Content data is not applicable for this product category. | See Section 3 for additional listings.                        |
|                                                               | VOC emissions: N/A                                            |
|                                                               | Management: ISO 9001:2015 Quality management systems          |
|                                                               | Management: ISO 14001:2015 - Environmental management systems |
|                                                               | CONSISTENCY WITH OTHER PROGRAMS                               |
|                                                               | Pre-checked for LEED v4 Option 1.                             |
|                                                               | Pre-checked for LEED v4 Option 2.                             |
|                                                               | Pre-checked for LEED v4.1 Option 1.                           |

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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

KEMPEROL® CP CATALYST POWDER

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Impurities were not considered as part of this review process due to lack of supplier data.

OTHER PRODUCT NOTES:

BENZOYL PEROXIDE

ID: 94-36-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-09-08 11:57:46

%: 50.0000

GreenScreen: BM-2

RC: None

NANO: No

SUBSTANCE ROLE: Catalyst

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                |
|-------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                              |
| EYE         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                  |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H241 - Heating may cause a fire or explosion [Self-reactive substances and mixtures; and Organic peroxides - Type or B] |
| MAM         | GHS - Japan                                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                 |
| EYE         | GHS - New Zealand                           | Eye irritation category 2                                                                                               |
| EYE         | GHS - Australia                             | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                  |
| SKI         | GHS - New Zealand                           | Skin sensitisation category 1                                                                                           |
| AQU         | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                           |
| AQU         | GHS - Korea                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                           |
| EYE         | GHS - Malaysia                              | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                  |
| PHY         | GHS - New Zealand                           | Organic peroxide type C                                                                                                 |
| PHY         | GHS - Japan                                 | H241 - Heating may cause a fire or explosion [Organic peroxides - Type B]                                               |
| PHY         | GHS - New Zealand                           | Organic peroxide type B                                                                                                 |
| PHY         | GHS - Malaysia                              | H241 - Heating may cause a fire or explosion [Self-reactive substances and mixtures; and Organic peroxides - Type or B] |
| PHY         | GHS - Australia                             | H241 - Heating may cause a fire or explosion [Self-reactive substances and mixtures; and Organic peroxides - Type or B] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                            |
|---------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products          |

SUBSTANCE NOTES:

ETHYLENE GLYCOL DIBENZOATE

ID: 94-49-5

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |
|---------------------|----------------------|------------------------------------------------|
| None found          |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found          |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:    |                      |                                                |

### Section 3: 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                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                               |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------|
| COMPLIANCE TYPE: Self-declared<br>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None<br>COMPLIANCE DETAILS:<br>COMPLIANCE SCOPE:<br>APPLICABLE FACILITIES: 1200 North America Dr. West<br>Seneca, NY 14224<br>COMPLIANCE URL:<br>COMPLIANCE NOTES: Product is used as an accessory to various PMMA products, VOC values are specific to each of those products and are listed on their respective HPDs. | ISSUE DATE: 2025-09-08                            | EXPIRY DATE: 2025-10-08 |
| MANAGEMENT                                                                                                                                                                                                                                                                                                                                                                                        | ISO 9001:2015 Quality management systems          |                         |
| COMPLIANCE TYPE: Third Party<br>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Intertek<br>COMPLIANCE DETAILS:<br>COMPLIANCE SCOPE:<br>APPLICABLE FACILITIES: 1200 North America Dr. West<br>Seneca, NY 14224<br>COMPLIANCE URL:<br>COMPLIANCE NOTES:                                                                                                                                                    | ISSUE DATE: 2024-01-24                            | EXPIRY DATE: 2027-01-26 |
| MANAGEMENT                                                                                                                                                                                                                                                                                                                                                                                        | ISO 14001:2015 - Environmental management systems |                         |
| COMPLIANCE TYPE: Third Party<br>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Intertek<br>COMPLIANCE DETAILS:<br>COMPLIANCE SCOPE:<br>APPLICABLE FACILITIES: 1200 North America Dr. West<br>Seneca, NY 14224<br>COMPLIANCE URL:<br>COMPLIANCE NOTES:                                                                                                                                                    | ISSUE DATE: 2024-01-24                            | EXPIRY DATE: 2027-01-26 |

### 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.*

No accessories are required for this product.

### Section 5: General Notes

MANUFACTURER INFORMATION

MANUFACTURER: **Kemper System America, Inc.**  
ADDRESS: **1200 North America Dr.**  
**West Seneca, NY 14224**  
COUNTRY: **USA**

WEBSITE: **<https://www.kemper-system.com/us/eng/>**  
CONTACT NAME: **Stephen Nowicki**  
TITLE: **IMS Manager**  
PHONE: **716-558-2971**  
EMAIL: **[snowicki@kempersystem.com](mailto:snowicki@kempersystem.com)**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

KEY

Hazard Types

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

Other Terms:

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

Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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.*