

PROTOCOL # 109-I

OIL_DIFFUSER_AIR_FRESHENER

*In addition to this protocol, any product designed for, intended for or appealing primarily to children, requires additional testing per Kohl's Testing Protocol #601.
All applicable fragrance items should follow supplemental protocol #120*

| Performance Test | Test Method | Samples | Requirement | Rating (Section or exec. Summary which failed items can be referenced) |
|--|--|-------------|---|---|
| Initial Package | | | | |
| Label Verification | | | | |
| Labeling / Packaging Review | FPLA 16 CFR 500 & 19 CFR 134 | All Samples | <p>Should be legibly marked with the following information:</p> <ul style="list-style-type: none"> - Distributor's name, trademark or other means of identification of the manufacturer or packer & address (City, State & Zip) - Product identification - Net quantity of the contents in terms of weight, measure or numerical count (Metric & US Standard) or a combination so as to give accurate information and facilitate value comparison by the consumer - Country of origin (if imported) | |
| Hazardous Chemicals – For Diffuser Oil (if applicable) | 16 CFR 1500.3(b)(14) & 16 CFR 1500.121 | 1 Sample | Review all applicable requirements for labeling of known hazards of product. | |
| Poison Prevention Packaging | 16 CFR 1700.20 | All Samples | <p>Substances specified in the regulations shall have special packaging that meets all applicable requirements.</p> <p>NOTE: Vendor shall be responsible for the accuracy of information provided. In lieu of testing, a valid 3rd party test report to this packaging requirement has to be provided (Document is valid for 1 year)</p> <p>Specified substances include furniture polish, several types of drugs and cosmetics, solvents for paint or other similar surface coating materials, etc. See 16 CFR 1700.14 for details.</p> | |
| Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information (MR.QA.PI@kohls.com) | Kohl's Requirement | All Samples | Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC # | |
| Import Permit (For Natural Materials Only) | US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) | All Samples | <p>Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)</p> <p>Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples.</p> <p>Permit information may be found at: https://www.aphis.usda.gov/wps/portal/aphis/home/</p> <p>It is the vendor's responsibility for the compliance to relevant requirements.</p> | |
| CA CPRTKA | Refer to 120 protocol | All Samples | <p>All samples shall be reviewed on the requirements of California Cleaning Products Right to Know Act to determine if labeling is adequate.</p> <p>The protocol may apply to household products including, but not limited to: Air fresheners, Candles with air freshener claims, Automotive cleaning products; Windshield wiper fluid; General cleaning products; Shoe and leather cleaners; Laundry detergents; Wood polish; and Floor maintenance products.</p> <p>Please work with Kohl's Product Integrity if you have any questions.</p> | |
| Physical Characteristics | | | | |
| Capacity (fl. oz. / ml) (If Applicable) | Std. Measure | 3 Samples | Max. +5% / -0% of claimed capacity. Record actual data if there is no claim | Claimed: Actual: |

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| Fragrance | Organoleptic/ Document Review | All Samples | Must comply with claim and conform to IFRA guidelines. Should have clear appearance and be free of visual deposits and sediment. <i>Vendor to submit IFRA certificate of conformity for review. Vendor can submit a 3rd party test report for review if it is within five years of the report issue date.</i> |
| Flammability | | | |
| *Flammability of Diffuser Oil (if applicable) | 16 CFR 1500.43 / 16 CFR 1500.3 | 1 Sample | Classification of flashpoint: Extremely flammable: ≤ 20oF (-6.7°C). Flammable: > 20°F (-6.7°C) and <100°F (37.8°C) Combustible: ≥100oF (37.8°C) to ≤150oF (65.6°C) Non-Combustible: >150°F (65.6°C) |
| Performance | | | |
| *Cyclic Test (For operable component) | Actual Use | 1 sample | Operable component shall withstand 100 times actual use cycles without failure or loss of functionality. |
| *Drop Test (For non-fragile items) | ASTM F963 Clause 8.7.1 Drop Test (Mod.) | 1 sample | No breakage or separation after 4 drops from 3 feet onto vinyl-tiled concrete floor. |
| Leakage Test (For container filled with liquid) | Visual Check | 1 sample | The closure is hand-tightened and the container is put upside down. No leakage shall be observed after 2 hours. |
| * Resistance to Corrosion (For metal component) | ASTM B117 | 1 Sample | Metal component shall withstand 24 hours in 5% salt spray (fog) with no major corrosion or visual change. |
| Stability | | | |
| *Photo Stability (Applicable To Products With Transparent Container Or Packaging) | Evaluate the stability of product in specific storage condition | 1 Sample | Exposure under 4500W Xeon lamp or lamp using ICH Guideline for 24 hrs. <i>Generally accepted industrial requirement: No observable change of sample against the control. For any surface color change it should be class 3.0 minimum (AATCC grey scale).</i> |
| Toxicity | | | |
| *Toxicological Risk Assessment (TRA) on the formulation | 16 CFR 1500.3 | All samples | Evaluate the safety of the product by a toxicologist. Review the hazard, exposure and risk associated with the ingredient. <i>Vendor can submit a 3rd party test report for review if it is within two years of the report issue date.</i> |
| Construction Qualities | | | |
| Kohl's Workmanship Review | Visual & Sensory | All Samples | - All components shall be provided as claimed and shall not be deformed or fractured. - All hardware shall be provided - All welds shall be smoothly finished and free from pits and splatter - All components shall not contain any burrs or sharp edges (test by touch or sight) - Product shall not contain any loose components or unsecured fastening where rigidity is required - Product shall not tip over during casual handling |
| Analytical | | | |
| *Flash Point (if applicable) | ASTM D92 | 1 Sample | Report actual. The product must be labeled appropriately as follows: Extremely flammable – Flashpoint is at or below 20oF. Flammable – Flashpoint is above 20oF and below 100oF Combustible – Flashpoint is at or above 100oF to and including 150oF. |
| Federal and State Consumer Product VOC Compliance – Document Review (if applicable) | 40 CFR Parts 9 and 59, California Code of Regulations Title 14, Division 3, Chapter 1, Subchapter 8.5, Article 2., and OTC State Model Rule for Consumer Products Regulation | 1 Sample | Any person who sells, supplies, offers for sale, or manufactures consumer products for use in the United States shall comply with the applicable VOC limits outlined in the federal and state regulations including: -EPA 40 CFR 9, 59 -California Code of Regulations Title 17, Division 3, Chapter 1, Subchapter 8.5, Article 2 -Ozone Transport Commission (OTC) State Model for Consumer Products Applicable testing shall be conducted to substantiate compliance to the regulations. In lieu of testing, a certificate of compliance, or a test report can be submitted if dated within one year. This documentation confirms that (give exact product name/model #(s)/type(s), with colors/fragrances made by (name of the company), for sales in (name of country) meets all applicable US Federal and State consumer product requirements. |
| Volatile Organic Compounds - For Diffuser Oil (if applicable) | 40 CFR 59 | 1 Sample | Shall meet the requirements |

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| *Lead In Scrapable Surface Coating | CPSC-CH- E1003-09 | 1 Sample | ≤90 ppm (0.0090% by weight) (CPSC – 16 CFR 1303) | |
| *16 CFR 1500.14 – Labeling for certain products (applicable to liquid samples) | 16 CFR 1500.14 | 1 Sample | <p>16 CFR 1500.14 Products containing substance above the respective requirement shall have special labeling:</p> <p>≥ 10% (Diethylene glycol) ≥ 10% (Ethylene glycol) ≥ 5% (Benzene) ≥ 10% (Toluene) ≥ 10% (Xylene) ≥ 10% (Petroleum Distillate) ≥ 4% (Methanol) ≥ 10% (Turpentine)</p> <p>In lieu of testing, test report dated within ONE year can be submitted for review.</p> | |
| Labeling of Hazardous Substances (if applicable) | 16 CFR 1500.121 / 16 CFR 1500.3 (b)(14)(i) | 1 Sample | <p>Applicable to toxic, skin irritant, eye irritant, corrosive, strong sensitizer, extremely flammable, flammable, combustible and hazardous substance requiring special labeling according to 16 CFR 1500.14(b)(1-5).</p> <p>Product containing hazardous substances shall conform to and be consistent with the labeling requirements as defined by 16 CFR 1500.3(b) (14) (i) and special labeling requirement according to 16 CFR 1500.14(b) (1-5).</p> <p>Note: Only labeling review of defined "signal words", "statement (s)", and "principal hazard(s)" are conducted. Other materials, i. e., generic chemical name, precautionary measures, first-aid, instructions are reported as data only. Information not on the PDP is not evaluated. The act also provides exemptions for the labeling of hazardous substance according to 16 CFR 1500.83, which is not included in the evaluation of labeling of hazardous substances.</p> <p>-Document review (validity for five years) can be preceded if testing report is co-submitted with samples</p> | |
| Safety Data Sheet | | | | |
| *Safety Data Sheet (SDS) | 29 CFR 1910.1200 (g) | All Samples | 29 CFR 1910.1200 (g) To be rated as a PASS/FAIL Vendor must submit SDS for review at the time of testing. SDS report must be attached to the test report. | |
| PROTOCOL VERSION | DESCRIPTION OF CHANGE | | REVISED BY / DATE REVISION | APPROVED BY / DATE REVISION |
| 109-A | Initial Release | | Queenie Tse/ Gigi Au May 23, 2016 | Dana Leair, Jeetendra Shelatkar June 3, 2016 |
| 109-B | Added Import Permit requirement if applicable. Added Adult tracking information. | | Charlene Swanson April 24, 2019 | Charlene Swanson April 24, 2019 |
| 109-C | Updated protocol format | | Charlene Swanson October 2019 | Charlene Swanson October 2019 |
| 109-D | Updated Adult Tracking label requirements and SDS requirements. | | Charlene Swanson June 2020 | Charlene Swanson June 2020 |
| 109-E | Updated SDS requirements | | Charlene Swanson August 2020 | Charlene Swanson August 2020 |
| 109-F | Updated IFRA requirements, updated adult tracking label contact information, added labeling of hazardous substances, added hazard label, flammability of diffuser oil, added flammability testing, added VOC testing requirements, added hazardous chemicals of diffuser oil testing, added poison prevention packaging. | | Charlene Swanson August 2020 | Charlene Swanson August 2020 |
| 109-G | Added test line in labeling for CA CPRTKA and at the footer of the protocol | | Charlene Swanson February 2021 | Charlene Swanson February 2021 |
| 109-H | Converted Word Doc into Google Sheet | | Violet Nelson June 14, 2022 | Violet Nelson June 14, 2022 |
| 109-I | Updated 450 to 4500 in Xeon lamp as it was previously a typo | | Elizabeth ARMstrong June 6, 2024 | Elizabeth ARMstrong June 6, 2024 |
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