



**KOHL'S TEST PROTOCOL**

February 26, 2021

**TITLE:** Essential Oils/Fragrance Oils (non-cosmetic)

**PROTOCOL:** KOHL'S – 111-D

Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
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LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should be legibly marked with the following information: <ul style="list-style-type: none"> <li>Distributor's name, trademark or other means of identification of the manufacturer or packer &amp; address (City, State &amp; Zip)</li> <li>Product identification</li> <li>Net quantity of the contents in terms of weight, measure or numerical count (Metric &amp; US Standard) or a combination so as to give accurate information and facilitate value comparison by the consumer</li> <li>Country of origin (if imported)</li> </ul>	
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	
Warning Label Review	Visual Check	All Samples	"Do Not Place Directly on Furnishings" "Keep Out of Reach Of Children and Pets" "Do Not Ingest"	
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	Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)  Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples.  Permit information may be found at: <a href="https://www.aphis.usda.gov/wps/portal/aphis/home/">https://www.aphis.usda.gov/wps/portal/aphis/home/</a>  It is the vendor's responsibility for the compliance to relevant requirements.	

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<b>LABELING (continued)</b>				
Labeling of Hazardous Substances – For Diffuser Oil (if applicable)	16 CFR 1500.3(b)(14)(i)/ 16 CFR 1500.14(b)(1-5) / 16 CFR 1500.121	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 “single words”, “statement(s)”, and “principal hazard(s)” are conducted. Other materials, i.e. generic chemical name, precautionary measure, first-aid, instructions are reported as data only.</p> <p>Information not on 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>Note: Vendor shall provide SDS with data regarding the product.</p>	
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		<p>Substances specified in the regulations shall have special packaging that meets all applicable requirements.</p> <p>NOTE:</p> <ol style="list-style-type: none"> <li>1) Vendor shall be responsible for the accuracy of information provided. In lieu of testing, a valid 3<sup>rd</sup> party test report to this packaging requirement has to be provided (Document is valid for 1 year)</li> <li>2) 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.</li> </ol>	

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CA CPRTKA	Refer to 120 protocol	All Samples	All samples shall be reviewed on the requirements of California Cleaning Products Right to Know Act to determine if labeling is adequate. 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. Please work with Kohl's Product Integrity if you have any questions.	
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<b>PHYSICAL CHARACTERISTICS</b>				
Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
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:
Fragrance	Organoleptic/ Document Review	All Samples	Must comply with claim and conform to IFRA guidelines. <i>Vendor to submit IFRA test report for review. Vendor can submit a 3rd party test report for review if it is within five years of the report issue date.</i>	

<b>PHYSICAL CHARACTERISTICS (continued)</b>				
Overall Dimensions (if applicable)	Standard Measure	3 Samples	Report Actual. Shall comply with any claims.	
Overall Weight (if applicable)	Standard Measure	3 Samples	Report Actual. Shall comply with any claims.	
Part Inventory	Visual Check	1 Sample	Shall meet label claims.	
Fragrance – in use	Actual Use	1 Sample	Report Actual. Shall have no objectionable or off odors.	

<b>CONSTRUCTION QUALITIES</b>				
Kohl's Workmanship Review	Visual & Sensory	All Samples	<ul style="list-style-type: none"> <li>All components shall be provided as claimed and shall not be deformed or fractured.</li> <li>All hardware shall be provided</li> <li>All welds shall be smoothly finished and free from pits and splatter</li> <li>All components shall not contain any burrs or sharp edges (test by touch or sight)</li> <li>Product shall not contain any loose components or unsecured fastening where rigidity is required</li> <li>Product shall not tip over during casual handling</li> </ul>	

<b>PERFORMANCE</b>				
Fragrance (if applicable)	Sensory	All Samples	Must comply with claim.	
Moisture Content	Standard Measure	3 Samples	Record actual data.	
#Claim Verification (if claimed)	Visual Check/Actual Use	1 Sample	All designs and features must conform to actual claim.	Claim:

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Leakage Test (For container filled with liquid)	Visual Check	1 Sample	The closure is hand-tightened & the container is put upside down. No leakage shall be observed after 2 hours.	
Effects of Low and High Temperature/Humidity (Environmental)	Kohl's TM 30	1 Sample	24 hours @ 0°F (-18°C) and 24 hours @ 95% RH/120°F (49°C). No failure or adverse effect.	
Ease of Assembly/Installation (if applicable)	Actual Use	1 Sample	Shall present no difficulties during assembly and installation when following instructions.	
Functionality	Actual Use	1 Sample	Shall function as intended as received.	
Dispenser Function (if applicable)	Actual Use	1 Sample	Report actual. Shall function as intended as received.	
Cycle Test/Test for Buttons, Switches, and/or Moving Components	Actual Use	1 Sample	Shall have no breakage, loss of functionality, loss of serviceability after 200 times/cycles use of buttons, switches, and/or moving components.	
Stability	Actual Use	1 Sample	Free-standing article shall remain stable without tipping at 10° incline.	
*Drop Test (for non-fragile items)	Actual Use	1 Sample	No breakage or separation after 3 drops from 3 feet onto vinyl-tiled concrete floor.	*Drop Test (for non-fragile items)
*Resistance to Corrosion (for metal component)	ASTM B117	1 Sample	Metal component shall withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change.	

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<b>FLAMMABILITY</b>				
Flash point of liquids	ASTM D92	1 Sample	To identify the presence of potentially volatile materials. All liquid items shall have the flash point with the follow classification: Classification: flash point Extremely flammable: Less than or equal to 20°F (-6.7°C). Flammable: Great than 20°F (-6.7°C) and less than 100°F (37.8°C) Combustible: Greater than or equal to 100°F (37.8°C) and less than or equal to 150°F (65.8°C) Non-combustible: Greater than 150°F (65.6°C) Report results/classification as DATA only. Note: Liquid is defined as any material which is free flowing, has not fixed shape and would take the shape of its container.	
U.S. Flammable Liquids Labeling	16 CFR 1500.3(c)(6)(i)-(iii)/16 CFR 1500.439(a)	1 Sample	Flammable liquid products for household use shall bear a flammability warning to prevent hazard as defined in 16 CFR 1500.3(c)(6)(i-iii) based on the flash point results. Note: Liquid is defined as any material which is free flowing, has not fixed shape and would take the shape of its container.	
Flammability of Solids (if applicable)	16 CFR 1500.44	1 Sample	Shall not burn at a rate exceeding 0.1 in./sec.	

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<b>TOXICITY</b>				
*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>	
<b>MICROBIAL TEST</b>				
*Standard Bacteria Count (HPC)	APHA 9215B	300 ml	500 HPC Maximum	
*Coliform Count	APHA 9222B	300 ml	Must not be present	
*Mould & Yeast	FDA 8 <sup>th</sup> Rev. A, 1998, Chapter 18	300 ml	< 1 cfu/mL	

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<b>ANALYTICAL</b>				
Volatile Organic Compound – For Diffuser Oil (if applicable)	40 CFR 59	1 Sample	Shall meet the requirements.	
*Total Volatile Organic Compound Content (VOC)	California Air Resources Board (CARB) Method 310	1 Sample	California Code of Regulations Title 17, Division 3. Chapter 1, Air Resources Board. Subchapter 8.5, Consumer Products. Article 2, Consumer Products – § 94509.  The VOC content shall not exceed the limit according to product category.	
*Lead In Scrapable Surface Coating	CPSC-CH-E1003-09	1 Sample	≤90 ppm (0.0090% by weight) (CPSA – 16 CFR 1303)	
*Hazardous Chemicals – for Diffuser Oil (if applicable) (applicable to liquid samples)	16 CFR 1500.14	1 Sample	16 CFR 1500.14 Products containing substance above the respective requirement shall have special labeling:  ≥ 10% (Diethylene glycol) ≥ 10% (Ethylene glycol) ≥ 5% (Benzene) ≥ 10% (Toluene) ≥ 10% (Xylene) ≥ 10% (Petroleum Distillate) ≥ 4% (Methanol) ≥ 10% (Turpentine)  In lieu of testing, test report dated within ONE year can be submitted for review.	
* CA Prop 65	Refer to Protocol 1300	All Samples	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	* CA Prop 65

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SAFETY DATA SHEET				
*Safety Data Sheet (SDS)	29 CFR 1910.1200 (g)	All samples	29 CFR 1910.1200 (g)	Vendor must submit SDS for review.

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**ADDITIONAL NOTE:**

\*Please refer to Kohl's preferred third party labs for individual pricing and samples.



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Protocol Version	Description of Change	Revised by / Date	Approved by / Date
111-A	Initial Launch	Charlene Swanson February 2020	Charlene Swanson February 2020
111-B	Updated Adult Tracking Labe requirements, updated SDS requirements,	Charlene Swanson June 2020	Charlene Swanson June 2020
111-C	Updated IFRA and SDS requirements.	Charlene Swanson August 2020	Charlene Swanson August 2020
111-D		Charlene Swanson February 2021	Charlene Swanson February 2021

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