



## NIKE, INC. CHEMISTRY PLAYBOOK & RESTRICTED SUBSTANCES LIST (RSL)

Update Summary for: **MAY 2023**

### AT NIKE THERE IS NO FINISH LINE

This document highlights the major revisions to the Nike Chemistry Playbook & Restricted Substances List (RSL) for the May 2023 update. This update is a routine revision that makes changes based on Nike's industry collaborations, the changing global regulatory landscape, and our own voluntary commitments to help us meet our enterprise goals.

### POST LAUNCH - 90 DAY GRACE PERIOD

As in previous years, suppliers have 90 days to comply with the updated RSL limits. All revised limits are effective immediately upon RSL launch, but each RSL failure is reviewed by the Nike RSL Team to determine if the failing substance would have met the previous year's criteria. If a failure occurs against the updated policy limits but is within the limits of the previous version, then an exception may be granted depending on the scope of the issue and the corrective actions implemented by the supplier.

### UPDATE NOTES

In this update, some of the more impactful revisions include:

- New Preferred Solvent Guidance
- Revised Packaging RSL Test Matrix and Content
- Changes to Nike-Approved Laboratories: BV-Noida, India [Added]

All suppliers should review the 2023 Nike Chemistry Playbook & RSL document in its entirety, ensuring all revisions are understood and implemented at the facility.

All questions about this update or any RSL/PRSL/MRSL question should be directed to the appropriate Nike Chemistry Compliance support team. For RSL inquiries please contact: [RSLSupport@nike.com](mailto:RSLSupport@nike.com); Packaging RSL questions please contact: [PRSL.Support@nike.com](mailto:PRSL.Support@nike.com); and for MRSL questions please contact: [ChemManagement@nike.com](mailto:ChemManagement@nike.com).

**TABLE 1 - SUMMARY OF CHANGES TO RESTRICTED SUBSTANCES LIMITS - 2023**



**CONVERSE**

CAS NO.	SUBSTANCE OR CLASS	MODIFICATION
<b>RSL UPDATES</b>		
Various	Various	Test methods are updated annually based on changes to standards. Please refer to the RSL document for the most up to date methods for each chemical class.
Various	Acidic & Alkaline Substances: pH	Updated Leather pH limit to specify "Leather Chrome-tanned" at a limit of 3.2 - 4.5. Added pH limit for "Other" materials at 3.5 – 7.0.
Various	Alkylphenols (Aps) & Alkylphenol Ethoxylates (APEOs) including all isomers	Updated total APEOs limit to "Total APs + APEOs: 100 ppm". Total APs limit remains unchanged at 10 ppm.
Various	Nonylphenol Ethoxylates (NPEOs) & Octylphenol Ethoxylates (OPEOs)	Added test Method for Down Garments, GB/T 14272:2021
Various	Azo-amines	Updated test method for Leather to EN ISO 17234-1:2020.
77-40-7	Bisphenol-B (BPB)	Added to RSL list under "Bisphenols" for informational purposes only. In preparation for forthcoming restrictions, safer alternatives should be substituted for BPA and other listed bisphenols in all applicable materials.
80-05-7	Bisphenol-A (BPA)	Updated laboratory limit from 1ppm to 0.1ppm for Individual samples.
87-86-5	Pentachlorophenol (PCP) and its salts and esters	Updated name from "Pentachlorophenol (PCP)" to "Pentachlorophenol (PCP) and its salts and esters".
Various	Dyes: Disperse	Updated test method for all materials to DIN 54231:2022.
Various	Dyes: Acid, Basic, Direct, Other	Updated test method for all materials to DIN 54231:2022.
Various	Dyes: Navy Blue	Updated test method for all materials to DIN 54231:2022.
Various	Heavy Metals: Jewelry – Extractable & Total Content (except Nickel (Ni))	Updated test method for all to ASTM F963-17 as referenced in ASTM F2923:2020.



**CONVERSE**

75-01-4	Vinyl Chloride	Updated limit to only say "Nike prohibits the use of PVC in all materials and products"
Various	N-Nitrosamines	Updated test method for all materials to EN ISO 19577:2019 with LC/MS/MS verification if positive.
Various	Organotin Compounds (except TBT and TPhT)	Updated limit to include a warning between 1 – 20 ppm.
Various	Per- and Polyfluoroalkyl Substances (PFAS)	Fully updated section with many new chemistries added. Please review updated list of chemistries, limits, and testing methods.
Various	Pesticides: Agricultural & Residual	Updated laboratory limit to 0.5 ppm.
Various	Phthalates	Updated test method for Textiles to EN ISO 14389:2022 8.1 calculation based on weight of print only; 8.2 Calculation based on weight of print and textile if print cannot be removed.
Various	Polycyclic Aromatic Hydrocarbons (PAHs)	Updated test method for all materials to AFPS GS 2019 or EN 17132 or ISO 16190
91-22-5	Quinoline	Updated test method for all materials to DIN 54231:2022 with methanol extraction at 70 degrees Celsius.
68-12-2	Dimethylformamide (DMFa)	Updated limit to 500ppm only.
Various	UV Absorbers & Stabilizers	Updated test method to ISO 24040 with extraction in THF, analysis by GC/MS.
<b>CAS NO.</b>	<b>SUBSTANCE OR CLASS</b>	<b>MODIFICATION</b>
<b>PACKAGING RSL</b>		
Various	Alkylphenols (APs)	Lab reporting limit changed from 10 ppm to 3 ppm for the Sum of NP & OP.



**CONVERSE**

77-40-7	Bisphenol-B (BPB)	Added to RSL list under "Bisphenols" for informational purposes only. In preparation for forthcoming restrictions, safer alternatives should be substituted for BPA and other listed bisphenols in all applicable materials.
80-05-7	Bisphenol-A (BPA)	Updated laboratory limit from 1ppm to 0.1ppm for Individual samples.
Various	Organotin Compounds	Limit changed from 20 ppm to 1 ppm for all organotin compounds (except TBT and TPhT which have a limit of 0.5 ppm).
Various	Per- and Polyfluoroalkyl Substances (PFAS)	Fully updated section with many new chemistries added. Please review updated list of chemistries, limits, and testing methods.

## **ELECTRONICS AND ELECTRICAL COMPONENTS RSL**

No changes in this update.

## **TOYS RSL UPDATES**

No changes in this update.