

## **PUMA Roadmap Toward Zero Discharge of Hazardous\* Chemicals**

PUMA is fully committed to the Joint Industry Roadmap toward Zero Discharge of Hazardous Chemicals released by the adidas group, C&A, H&M, Li Ning, Nike and PUMA on November 18<sup>th</sup>.

The individual PUMA Roadmap as outlined below reflects PUMA's additional contributions to achieving the target of Zero Discharges by 2020.

PUMA's efforts to remove hazardous chemicals from products and production date back to 1999, when the first PUMA Handbook for Product Related Environmental Standards was established. In the meantime, this handbook has been superseded by the PUMA.Safe Handbook on Environmental Standards which is legally binding for PUMA suppliers and publicly available on the PUMA website at: [about.puma.com](http://about.puma.com)

Since 1999, PUMA has worked intensively with its suppliers to ensure compliance to our Restricted Substances List (RSL) which is regularly updated to reflect new scientific developments.

As part of these efforts, PUMA eliminated PVC from its entire product range as early as 2003. PUMA also collaborated with Greenpeace on Chemicals Management in 2005 as part of the "Cleaning up our Chemical Homes" campaign.

Frequently updated information on hazardous chemicals through PUMA's membership in the AFIRM working group on restricted substances (<http://www.afirm-group.com/>), the Sustainable Apparel Coalition ([www.apparelcoalition.org](http://www.apparelcoalition.org)) and the Leather Working Group (<http://www.leatherworkinggroup.com/>) is being distributed into PUMAs supply chain through meetings and trainings.

\* Hazardous chemicals are those that show intrinsically hazardous properties (persistent, bio-accumulative and toxic (PBT); very persistent and very bio-accumulative (vPvB); carcinogenic, mutagenic and toxic for reproduction (CMR); endocrine disruptors (ED); or equivalent concern), not just those that have been regulated or restricted in other regions.

## **PUMAs Approach towards Reaching our Zero Discharge Goals by 2020**

In addition to the “**Joint Roadmap Towards Zero Discharge of Hazardous Chemicals**” PUMA will initiate the following brand specific actions:

- Update the current PUMA Restricted Substances List (RSL) and implement a Manufacturing Restricted Substances List (MRSL) until the end of 2011;
- Update the PUMA.Safe Handbook on Environmental Standards with respect to the elimination of chemical groups classified as persistent, bio-accumulative and toxic (PBT); very persistent and very bio-accumulative (vPvB); carcinogenic, mutagenic and toxic for reproduction (CMR); endocrine disruptors (ED); or equivalent concern until mid 2012 (following consultation with stakeholders including Greenpeace);
- Support PUMAs efforts to phase out hazardous chemicals through the cooperation with organizations specialized in chemical management and evaluation (starting 2011);
- Encourage Strategic PUMA Suppliers to disclose their chemicals management systems regularly within their own Sustainability Reports (starting 2012) as part of the existing PUMA GANTSch Initiative (<http://safe.puma.com/us/en/2010/05/puma-commits-its-strategic-suppliers-to-sustainability-reporting/#more-705>)
- Raise awareness among PUMA Suppliers through capacity building measures on chemical management
- Integrate the phasing out of hazardous chemicals in the supply chain as an additional element of the existing PUMA sustainability scorecard 2015.
- Report frequently on the ongoing results of PUMAs activities in relation to phasing out hazardous chemicals in PUMAs Annual Financial and Sustainability Report.

This ambitious approach can only be realized through a cooperation of internal and external stakeholders and partners. PUMA looks forward to working with

our industry peers, our suppliers as well as the Chemical Industry to achieve this paradigm shift in Chemicals Management.