

Table of Contents

Key findings	6
Background	8
The PFAS problem.....	8
PFAS use in textiles.....	9
PFAS and children's health.....	10
Regulatory framework	10
Objective, scope, and methodology	11
Sample collection.....	11
Fluorine mass balance	12
Comparison with legal thresholds	12
Results	13
Jackets.....	14
Other clothing	14
Discussion	16
Durable water repellent and stain-resistant coating: sources of human exposure and contributors to environmental levels of PFAS	16
Side-chain fluorinated polymers in clothing: a source of legacy PFAS.....	17
Concerning proportion of unidentified PFAS	18
PFAS in synthetic clothing: a barrier to a non-toxic circular economy.....	18
Alternatives exist.....	18
Main findings and conclusions	19
Recommendations	20
All National Governments:.....	20
The European Union:	20
The United States:	21
Parties to the Stockholm Convention:	21
Parties to the Basel Convention:.....	21
SAICM stakeholders:	21
Textile Manufacturers:.....	21
Retailers:	22
Consumers:.....	22
Annexes	23
Annex 1: List of targeted PFAS tested in lab analysis.....	23
Annex 2: Legal framework.....	25
Annex 3-A: Description of lab-analyzes samples	28
Annex 3-B: Sample photos.....	36
Annex 4: Methods for detection and quantification of PFAS.....	41
Annex 5: Lab results (ng/g).....	42
References	46