



restricted substance list seminar

LINDA PEFFER, NORDSTROM

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver TESCO

C&A

H&M



Phylmar Group
Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland



Challenges

We will not have:

- Uniform Test Methods
- Compatible Data Formats
- Identical Labs

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver

TESCO

C&A

H&M



Phylmar Group
Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland



2



Global RSL List

- **80% to 90% of restrictions on RSLs are the same**
 - **Differences are mainly based on different distribution channels**
- **Individual company RSLs must be tailored to a company's specific market**
- **AFIRM companies strive to align requirements**

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver

TESCO

C&A

H&M



Phylmar Group
Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland

3



Global RSL List

- In keeping with the Working Group Mission, AFIRM Companies strive to minimize the harmful impact of the following categories of substances:

- APEOs
- Azo Dyes/Amines (Azo dyes that may reductively cleave into a prohibited amine):
 - 4-Amino azobenzene
 - *o*-Aminoazotoluene
 - 4-Aminodiphenyl
 - 2-Amino-4-nitrotoluene
 - *o*-Anisidine
 - Benzidine
 - *p*-Chloroaniline
 - 4-Chloro-*o*-toluidine
 - *p*-Cresidine
 - 2,4-Diaminoanisole
 - 4,4'-Diamino-diphenylmethane

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver

TESCO

C&A

H&M



Phylmar Group

Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland



4



Global RSL List

- Azo Dyes, Cont'd:
 - 3,3'-Dichlorobenzidine
 - 3,3'-Dimethoxybenzidine
 - 3,3'-Dimethylbenzidine
 - 3,3'-Dimethyl-4,4'-diamino-diphenylmethane
 - 4,4'-Methylene-bis-(2-chloroaniline)
 - 2-Naphthylamine
 - 4,4'-Oxydianiline
 - 4,4'-Thiodianiline
 - 2,4-Toluenediamine
 - o-Toluidine
 - 2,4,5-Trimethylaniline
 - 2,4-Xylidine
 - 2,6-Xylidine
 - Navy Blue

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver

TESCO

C&A

H&M



Phylmar Group
Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland

5



Global RSL List

- **Biocides**
- **Sensitizing and Carcinogenic Disperse Dyes**
 - **Disperse Blue 1**
 - **Disperse Blue 35**
 - **Disperse Blue 106**
 - **Disperse Blue 124**
 - **Disperse Orange 3**
 - **Disperse Orange 37/76**
 - **Disperse Red 1**
 - **Disperse Yellow 3**
- **Dye Carriers**
- **Flame Retardants**
- **Formaldehyde**
- **Heavy Metals (Cadmium, Chromium VI, Lead, Nickel)**

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver

TESCO

C&A

H&M



Phylmar Group

Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland

6



Global RSL List

- Isocyanates
- Organotins
- Phenols
- Polyaromatic Hydrocarbons
- Phtalates
- Short Chain Chlorinated Paraffins
- Solvents (organic and inorganic)

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver TESCO

C&A

H&M



Phylmar Group
Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland

7



thank you

LINDA PEFFER, NORDSTROM

NORDSTROM

adidas
GROUP

GAP

Levi's

MARKS &
SPENCER

NORDSTROM

PUMA

s.Oliver

TESCO

C&A

H&M



Phylmar Group
Environmental
Health & Safety
Social Responsibility

REI
www.rei.com

Timberland