



STRATEGY for RSL COMPLIANCE

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ZYDEX at a glance



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ZYDEX complies with

- RSL standards of major AFIRM brands like



and



GOTS



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What a dye mill /printer can expect from ZYDEX ?



in terms of support for RSL compliance?



- Literatures
(Recommendations for correct use)
- Material Safety Data Sheet (MSDS)
- Compliance certificates to RSL stds
- Technical support (training)



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What RSL includes ?



Chemical restrictions



Toxicological Restrictions



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Why need to comply with RSL ?



This is Legally Mandatory* !

*End Consumer safety



Proactive approach to manage risk for brands from Govt., consumers, NGO etc.

- Environmental compliance
- New Trends like organic cotton, eco-friendly products etc



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What is the difference between...

1. MSDS ↔ (Chemical supplier)



2. Quality ↔ (Retailer: fastness, colour standards etc.)



3. RSL standards ↔ (Retailer)



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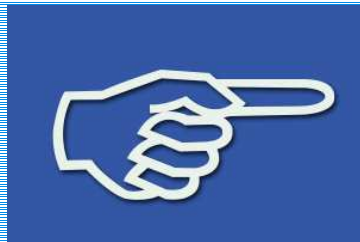
Standards



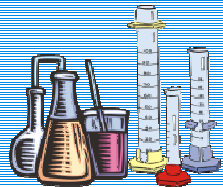
MSDS

RSL Standards

Quality Standards



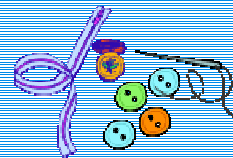
Applicable to?



Chemicals



Fibers



Accessories



Apparels



Chemicals



Apparels



Fabrics



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Standards



MSDS

RSL standards

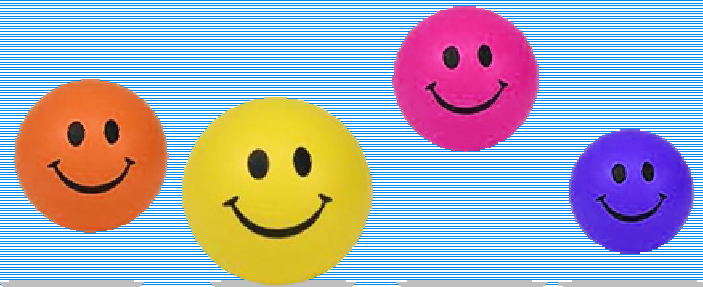
Quality standards



No. of versions



Single



Different for different retailers



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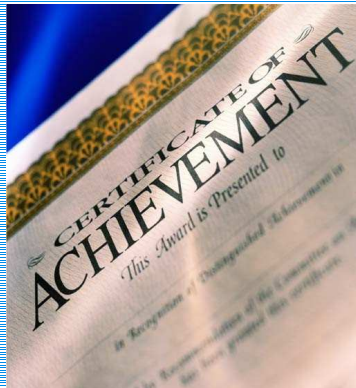
Standards



MSDS

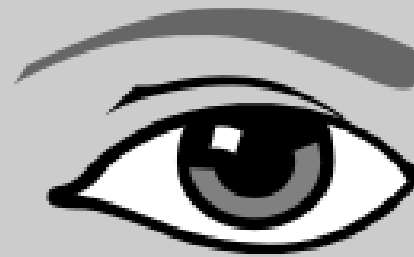
RSL Standards

Quality Standards



Certification

Government Intervention



Chemical
Manufacturer

Producer

Retailer

Consumer



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Global Retailers are responsible for...



Producer Safety



Consumer Safety



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Producer Safety

All aspects of safety listed in MSDS for



- **Producers***
(human exposure)

- **Factory premises**



- **Environment**
(air, water & land where waste is discharged)

- Safety against exposure to chemicals*
- Toxicological safety* (**Humans**)
- Fire safety (**Factory premises**)
- Ecological safety (**Environment**)
- Information on Legal Compliance:
to local, regional & international laws



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Consumer Safety

Major priorities of consumers:

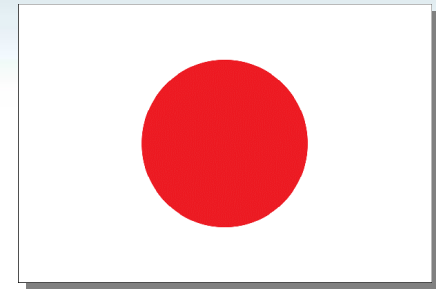
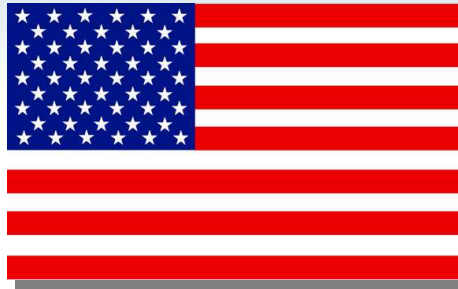


We need to meet all 4 SIMULTANEOUSLY



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Barriers to RSL Compliance

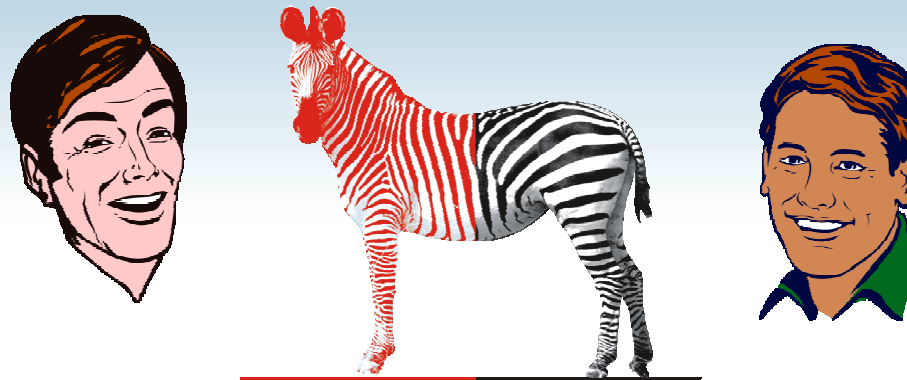


- Mainly American, European & Japanese governments are driving the consumer protection laws & RSL's are meant to comply with them.



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Barriers to RSL Compliance



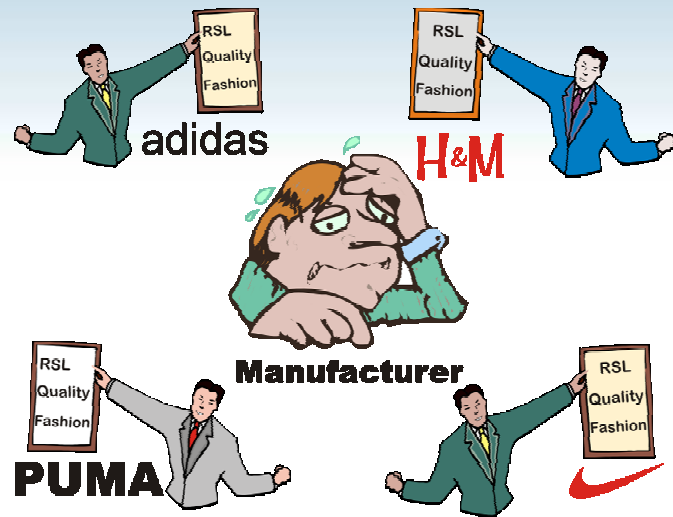
- **Difference in perception :**
of **producers** & **consumers** as the Consumer Protection laws of **producing** and **consuming** countries are totally different



- Communication Gap in supply chain



Barriers to RSL Compliance



- Supply chain works with multiple retailers & adherence to different brands/retailer's RSLs /eco labels becomes difficult (no globally harmonized RSLs exist as yet)



- Good laboratory practices (GLP) not followed



How do we ensure our products comply to RSL???



Principle of Zydex –

LOWEST COMMON DENOMINATOR (Toughest Standards)

- Work collaboratively with Retailers, environmental advocates, understand their standards

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- Support laws that promote green chemistry & eliminate toxic chemicals
- Define the chemical nature of products based on toughest standards
- Eliminate Non-RSL compliant chemicals
- Adopt internal chemical policies based on precautionary principle
- Take responsibility for products from cradle-to-grave

Toughest
Standard



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Guidance for RSL Implementation



Educate the printers/dye mills about :

- RSLs & its seriousness /risk to retailers
- How to manage RSL compliance during production?
- How to prevent failures based on past experience.



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What is beyond this ?



Sustainability:

Less

- Chemicals (Finer mesh printing)
- Water (Higher solids)
- Energy (Room temperature curing)

After 5–10 years they may be part of RSL to
make the planet a better place to live.



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Thank you

*We look forward to
an enduring and
enriching partnership*

Good wishes & Regards



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