STRATEGY for RSL COMPLIANCE

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ZYDEX at a glance

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Plant: Vadodara (Gujarat)
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ZYDEX complies with

- RSL standards of major AFIRM brands like
  - Nike
  - PUMA
  - adidas
  - Levis
  - GAP
  - Marks & Spencer
  - H&M
  - C&A

and

GLOBAL ORGANIC TEXTILE STANDARD

GOTS
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)
What RSL includes?

Chemical restrictions

Toxicological Restrictions
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
What is the difference between...

1. MSDS (Chemical supplier)

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

3. RSL standards (Retailer)
Standards

Applicable to?

- Chemicals
- Fibers
- Accessories
- Apparels
- Fabrics

MSDS
RSL Standards
Quality Standards

Eco Friendly Products
Zydex
# Standards

<table>
<thead>
<tr>
<th>No. of versions</th>
<th>MSDS</th>
<th>RSL standards</th>
<th>Quality standards</th>
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<tbody>
<tr>
<td>Single</td>
<td>Single</td>
<td>Different for different retailers</td>
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Standards

MSDS  RSL Standards  Quality Standards

Certification  Chemical Manufacturer  Producer  Retailer  Consumer

Government Intervention
Global Retailers are responsible for...

Producer Safety

Consumer Safety
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
Major priorities of consumers:

- **Quality**
- **Price**
- **Fashion** (Brightness, Feel, Fastness, Durability)
- **RSL** (Safety against Chemical Toxicity)

We need to meet all 4 SIMULTANEOUSLY
Mainly American, European & Japanese governments are driving the consumer protection laws & RSL’s are meant to comply with them.
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

• 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
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.
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.
Thank you

We look forward to an enduring and enriching partnership

Good wishes & Regards