

Ways a chemical company can help to prevent RSL failures

AFIRM Seminar

Beth Z. Y. Bei, Claudia Swoboda-Rossouw

Shanghai, September 27th 2007



The Chemical Company

化学品公司如何提供 您帮助， 应对限制物质清单的

AFIRM Seminar

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Shanghai, September 27th 2007

What's wrong ?



- Storage
- Disposal
- **NO LABEL**

 What's inside?


What's wrong ?



▪ 储存

▪ 废弃

▪ 没有 标签

 里面是什么？

How it should be



■ LABEL

- ✓ Storage
- ✓ Disposal
- ✓ Toxicity
- ✓ Personal Protection

应该如何



■ 标签

- ✓ 储存
- ✓ 废弃
- ✓ 毒性
- ✓ 个人防护

Outline

- **Introduction of BASF**
- **How can a chemical company help to prevent failures?**
- **REACH and BASF**
- **Conclusion**

- **BASF简介**
- 化学公司如何提供帮助防止疵疵？
- **REACH 和 BASF**
- 结论

Introduction of BASF

- The Chemical Company -



- The world's leading chemical company
- We offer intelligent system solutions and high-value products for almost all industries
- Shanghai: ATC Textiles and Leather, sales offices in North and South China

- Sales 2006: 52.6 million Euro

BASF简介

- The Chemical Company -

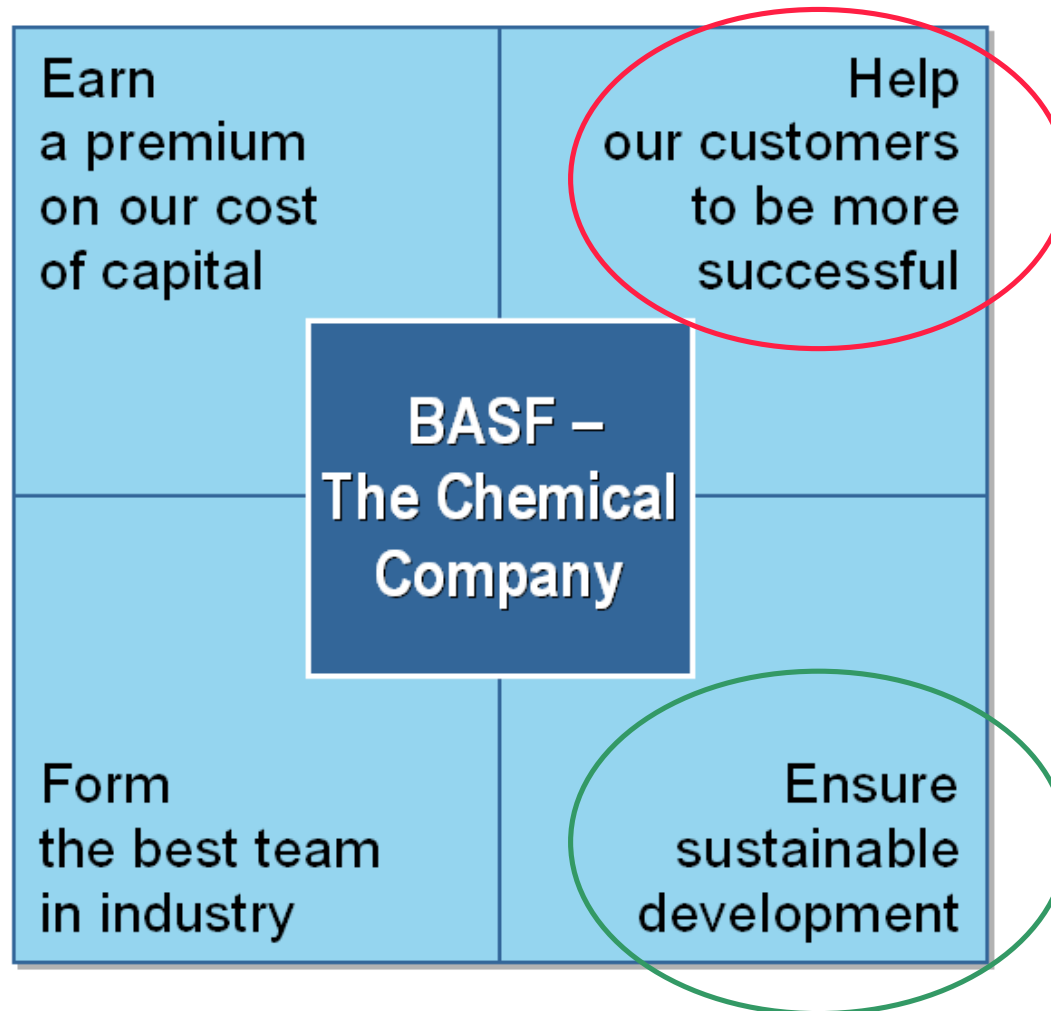


- 巴斯夫是全球领先的化工公司
- 巴斯夫的智能解决方案和高价值产品帮助客户取得更大成功。
- 上海: 亚太区纺织和皮革技术中心；华北、华南销售办事处

- 2006 销售额: 52.6 Mio Euro

Introduction of BASF

- 4 Strategic Guidelines -



BASF简介

-巴斯夫的基本原则-



获得高于
资本成本
的利润

Earn
a premium
on our cost
of capital

Help
our customers
to be more
successful

协助我们
的客户取
得成功

**BASF –
The Chemical
Company**

建立行业最
佳团队

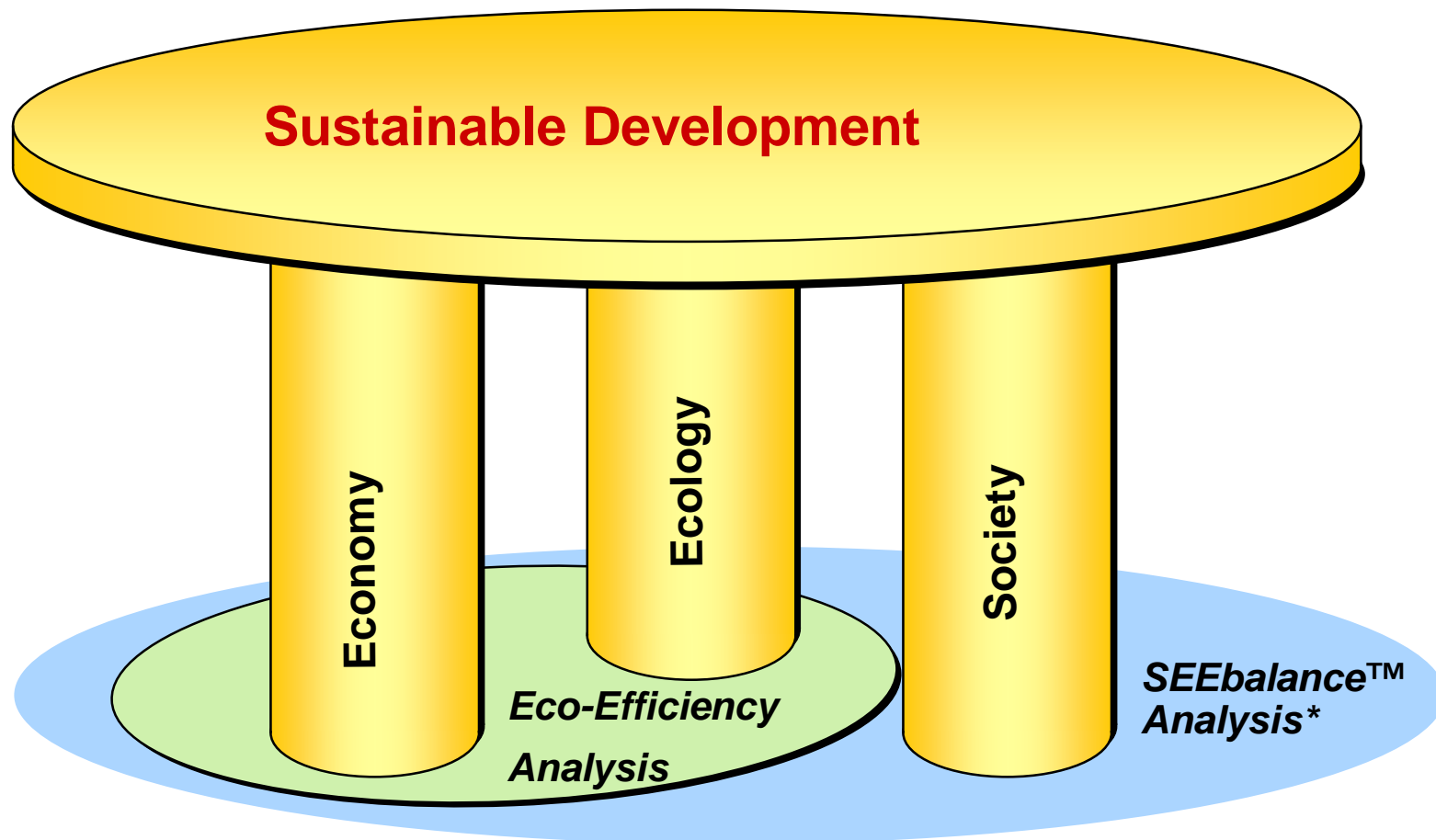
Form
the best team
in industry

Ensure
sustainable
development

确保可持续
发展

Introduction of BASF

- Sustainable Development -

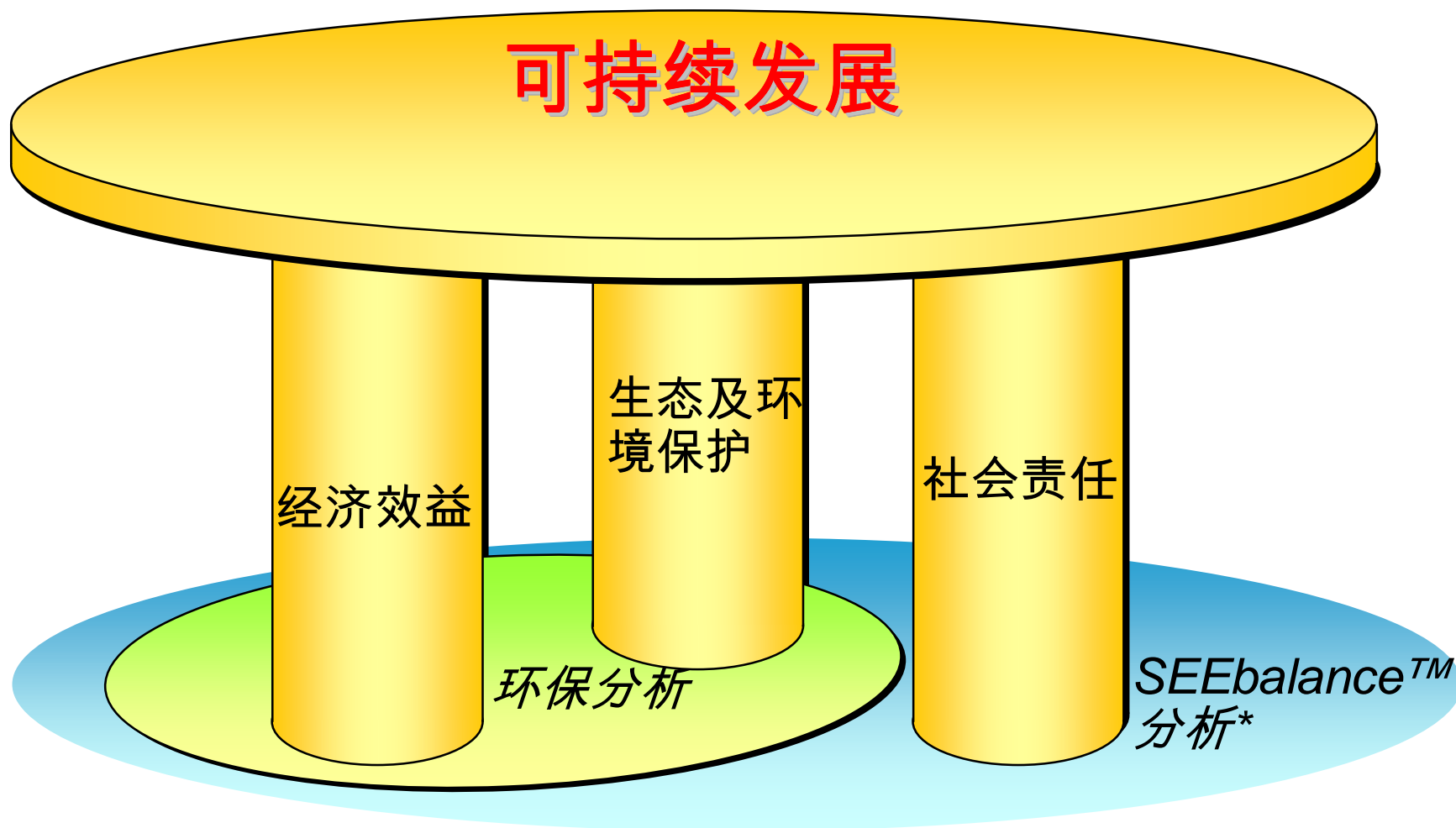


* *SEEbalance™ = Socio-eco-efficiency balance analysis*

BASF简介

- 可持续发展 -

 **BASF**
The Chemical Company



SEEBalance™ = Socio-eco-efficiency balance analysis

Introduction of BASF

- Performance Chemicals -



Automotive & Oil industry

Coating, Plastics & Specialties

Textiles

Leather

Detergents, Formulators

BASF简介

- 功能化学品 -



用于汽车行业和炼油业

用于涂料，塑料和专业制品

用于纺织品行业

用于皮革行业

用于洗涤清洗剂的配方中

Outline




- Introduction of BASF
- **How can a chemical company help to prevent failures?**
- REACH and BASF
- Conclusion

大纲

- BASF简介
- 化学公司如何提供帮助防止疵疵？
- REACH 和 BASF
- 结论

How can a chemical company help to prevent failures?

A chemical supplier should support its customers in meeting

-  **national regulations and voluntary agreements**
(e.g. GB 18401-2003)
-  **Labels**
(e.g. EU Flower, Blue Sign)
-  **Restricted Substance Lists (RSLs)**
(e.g. H&M, Levi's, Nike, Puma, etc.)



through ...

化学公司如何提供帮助防止疵疵？

化学公司应该帮助客户满足

-  各国的法律法规以及约定
(e.g. GB 18401-2003)
-  标签
(e.g. EU Flower, Blue Sing)
-  限制的有害物质
(e.g. H&M, Levi's, Nike, Puma, etc.)



通过 ...

How can a chemical company help to prevent failures?



Correctly labeled containers

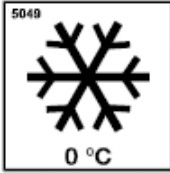
■ BASF
The Chemical Company

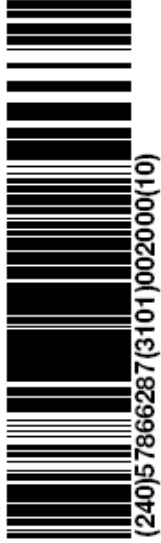
WGK 1

Helizarin® Binder ET ECO
binder · liant · ligante · legante

Art.: **57866287**

Lot:





BASF Aktiengesellschaft
67056 Ludwigshafen Germany
Tel. +49 1802273 112

200 kg net
© - Reg. Trademark BASF

化学公司如何提供帮助防止疵疵？



正确的产品标签

■ · BASF
The Chemical Company

WGK 1

Helizarin[®] Binder ET ECO
binder · liant · ligante · legante

Art.: **57866287**

Lot:

200 kg net

BASF Aktiengesellschaft
67056 Ludwigshafen Germany
Tel. +49 1802273 112

5049

0 °C

© - Reg. Trademark BASF

How can a chemical company help to prevent failures?



MSDS

 **BASF**
The Chemical Company

Safety data sheet

Page: 1/6

BASF Safety data sheet according to 91/155/EEC
Date / Revised: 25.02.2003
Product: Helizarin* Binder ET ECO

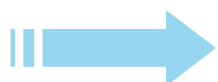
Version: 1.0
(30247080/SDS_TEX_EU/EN)
Date of print 24.05.2007

1. Substance/preparation and company identification

Helizarin* Binder ET ECO

Use: auxiliary / finishing agent for the textile industry

化学公司如何提供帮助防止疵疵？



安全数据表

 The Chemical Company	
安全技术说明书	
页: 1/10	
巴斯夫应用化工有限公司中国 上海 安全技术说明书	
日期 / 修订: 07.08.2006	版本: 2.0
产品: Helizarin* Binder ET ECO	
(30247080/SDS_TEX_CN/ZH)	
印刷日期 24.05.2007	
1. 物质/制剂及公司识别	
Helizarin* Binder ET ECO	
使用: 纺织工业用助剂	

How can a chemical company help to prevent failures?



Technical Information Sheets



® = Registered trademark of
BASF Aktiengesellschaft

Helizarin[®] Binder ET ECO

APEO free acrylate based pigment-printing binder for direct, discharge and resist printing. The prints are fast to dry cleaning, have a pleasingly soft handle and excellent all round fastness properties.

化学公司如何提供帮助防止疵疵？

 **BASF**
The Chemical Company



产品技术资料



® = 巴斯夫注册商标

Helizarin[®] Binder ET ECO (海立柴林粘合剂ET ECO)

丙烯酸类涂料印花环保型粘合剂，
适用于直接和防、拔染印花

印花物耐干洗牢度好，具有柔软的手感和出色的色牢度

How can a chemical company help to prevent failures?



Certificates and Confirmation letters



The Chemical Company

21.06.2007

CERTIFICATE

BASF Textile Chemicals

We herewith confirm that the following BASF Textile Chemical

Helizarin[®] Binder ET ECO

provided appropriate application and consideration of our recommendations, can be used for processing textiles that meet the requirements of H&M's policy document: "H&M Hennes & Mauritz AB and H&M Rowells AB Chemical Restrictions, Oct 2005", as well as "H&M Chemical Restriction Amendment, November 21st, 2006", for

- adults without direct skin contact,
- adults with direct skin contact and children above 3 years (e.g. 122-170 cl)
- children aged 0-3 years (e.g. 50-116 cl), when precautionary measures are applied.

化学公司如何提供帮助防止疵疵？



产品安全证书



The Chemical Company

21.06.2007

CERTIFICATE

BASF Textile Chemicals

兹确认，巴斯夫纺织化学品

海立柴林[®] 粘合剂 ET ECO

在正确应用并谨遵我方建议的条件下，能符合“H&M 集团（ Hennes & Mauritz AB ）和 H&M Rowells AB 限制化学品清单”（2005 年 10 月版本）及 2006 年 11 月 21 日颁布的 H&M 限制化学品修正案的要求，可用于生产以下纺织品：

- 成人纺织品和服装（无直接皮肤接触）
 - 成人纺织品和服装（有直接皮肤接触）及 3 岁以上儿童（如：122-170cl）纺织品和服装
 - 在有防范措施情况下，用于 3 岁及 3 岁以下儿童（如：50-116cl）纺织品和服装。
- 本品含有微量游离甲醛或甲醛释放物质，可能导致纺织品中含有甲醛。


How can a chemical company help to prevent failures?

 **Product evaluation lists on the public internet, brochures, etc.**

http://www.performancechemicals.basf.com/ev-wcms-in/internet/en_GB/portal/show-content_tc/content/EV/EV8/our_business/sd-textile

- GOTS....Global Organic Textile Standard
- SKAL (CU also uses GOTS since April 1st 2007)
- H&M
- M&S
- Oeko-Tex Standard 100
- EU Label (Flower)

化学公司如何提供帮助防止疵疵？

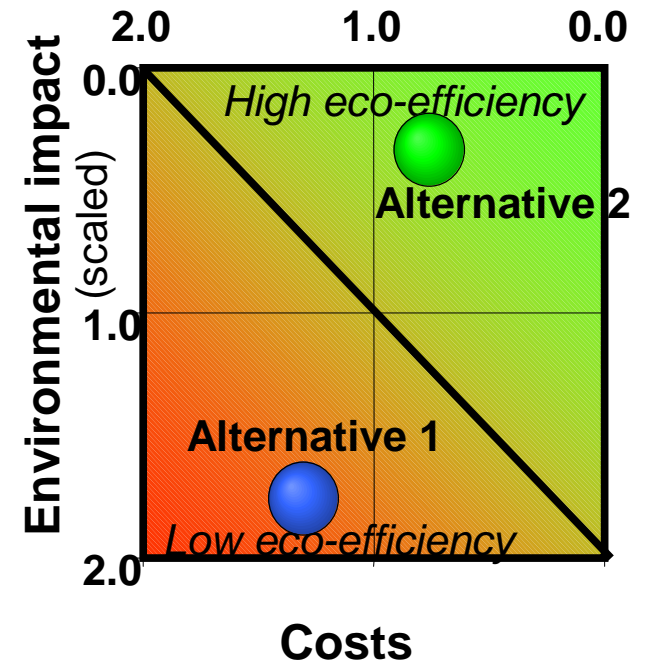
 在BASF internet上可供选择的产品清单、小册子等

http://www.performancechemicals.basf.com/ev-wcms-in/internet/en_GB/portal/show-content_tc/content/EV/EV8/our_business/sd-textile

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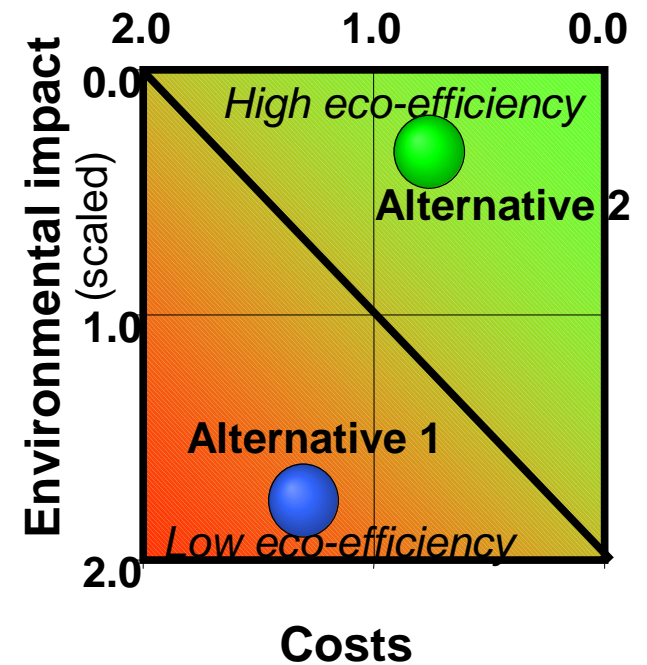
How can a chemical company help to prevent failures?

➔ **Eco-efficient products and processes** making the production Eco-friendly.



化学公司如何提供帮助防止疵疵？

经济和产品以及工艺



How can a chemical company help to prevent failures?



Products that ensure the compliance for western brands and laws
(e.g. APEO-free Textile auxiliaries for every step in textile processing)



化学公司如何提供帮助防止疵疵？



确保产品符合品牌标准和法规
(如：在每一步纺织加工中不使用含烷基酚聚氧乙烯醚的纺织助剂)



How can a chemical company help to prevent failures?

Technical Support on Application



化学公司如何提供帮助防止疵疵？

 提供技术服务



How can a chemical company help to prevent failures?

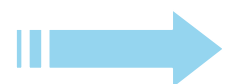


Training Programs on ecological and toxicological aspects

(e.g. for the needs of western brands, REACH, Organic Cotton, GHS)



化学公司如何提供帮助防止疵疵？



提供有关生态和毒理方面的培训

(如：有关欧洲品牌的要求, REACH, 有机棉, GHS)



How can a chemical company help to prevent failures?



Consultations

(e.g. for the needs of Global Organic Textile Standard)



化学公司如何提供帮助防止疵疵？



咨询

(如：Global Organic Textile Standard 的要求)



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REACH and BASF



*REACH compliance with
BASF products*

*„BASF offers performance chemicals
for textiles suitable for import to EU
under REACH“*

*„With recommended BASF-products
you don't add SVHCs to your textiles“*

Quality
Compliance with RSL's
Ecoefficiency
Technical support

BASF

REACH 和 BASF

巴斯夫产品符合
REACH法规

巴斯夫提供了性能良好的纺织品化学品，
适合欧盟进口，并符合REACH法规

使用巴斯夫推荐产品，你不用担心在纺
织品中会含有“高度关注”的物质。

品质，
符合RSL所定限制与生
态效率，
技术支持相符

 **BASF**

REACH and BASF



The Chemical Company

04.07.2007

CERTIFICATE

Garments and Textiles intended to export to Europe under REACH

We confirm that the following BASF Performance Chemical for Textiles

Helizarin® Binder ET ECO


will not add SVHC's to garments and textiles, given that appropriate application and consideration of BASF's recommendations have been followed and thus will not trigger a notification requirement under REACH.

If it is also true that all other chemicals, dyes and raw materials used in your processes will not add SVHC's¹ to garments and textiles, and no substances are intended or foreseen to be released from your textiles, no further lab tests have to be executed with the finished garments to achieve REACH compliance.

Based on our knowledge, experience and recommendations we can help you to comply with REACH. For details, please contact our sales team.

¹ SVHCs are:

- CMR: carcinogenic, mutagenic, reprotoxic (category 1 or category 2)
- PBT: persistent, bioaccumulative, toxic
- vPvB: very persistent, very bioaccumulative
- endocrine disruptors influencing the hormonal system



We provide confirmation letters of our products to help customers meet REACH requirements.

REACH 和 BASF

 **BASF**
The Chemical Company

 **BASF**

The Chemical Company

04.07.2007

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我们提供产品的确认书以帮助客户符合 REACH 的要求。

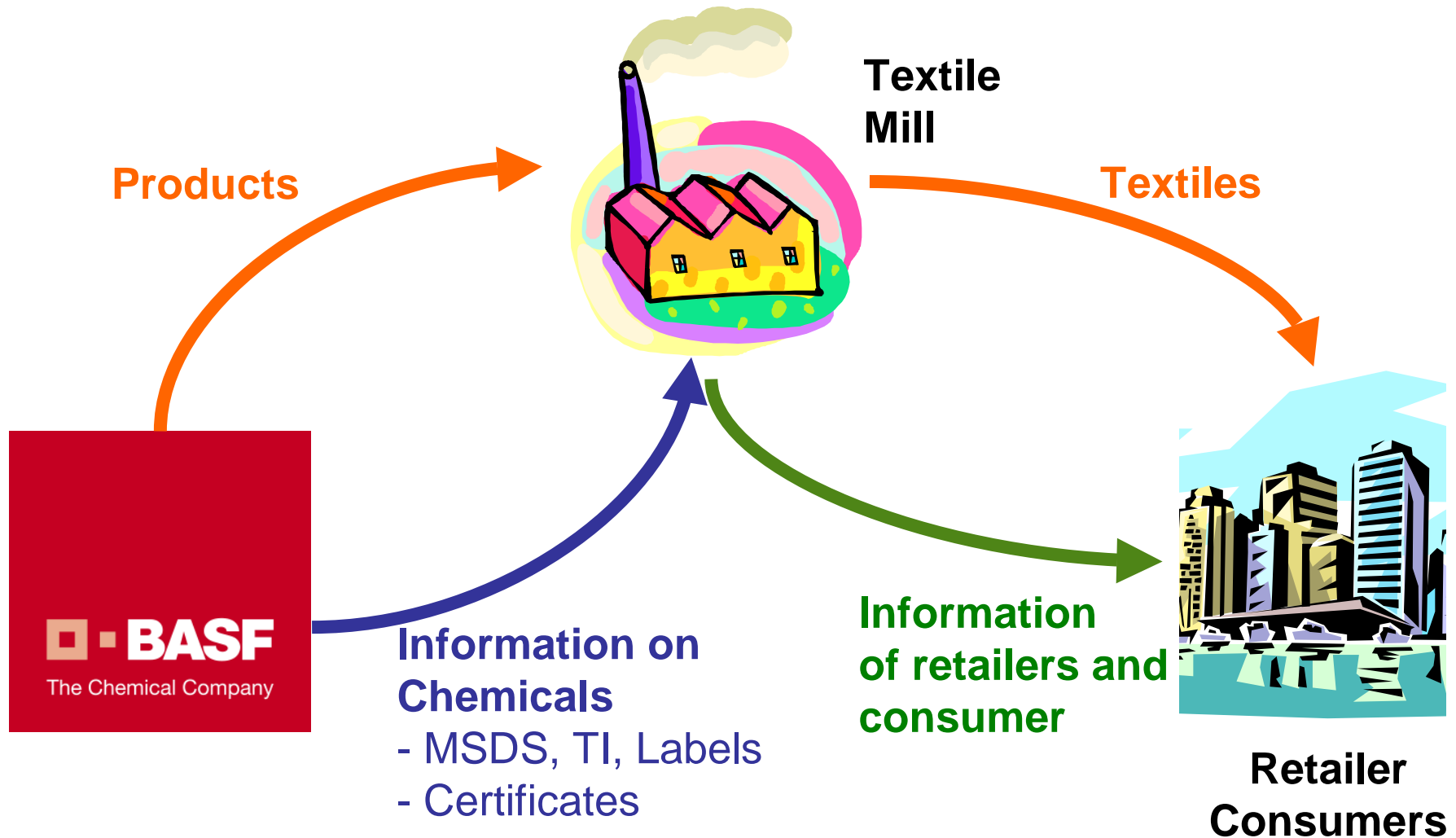
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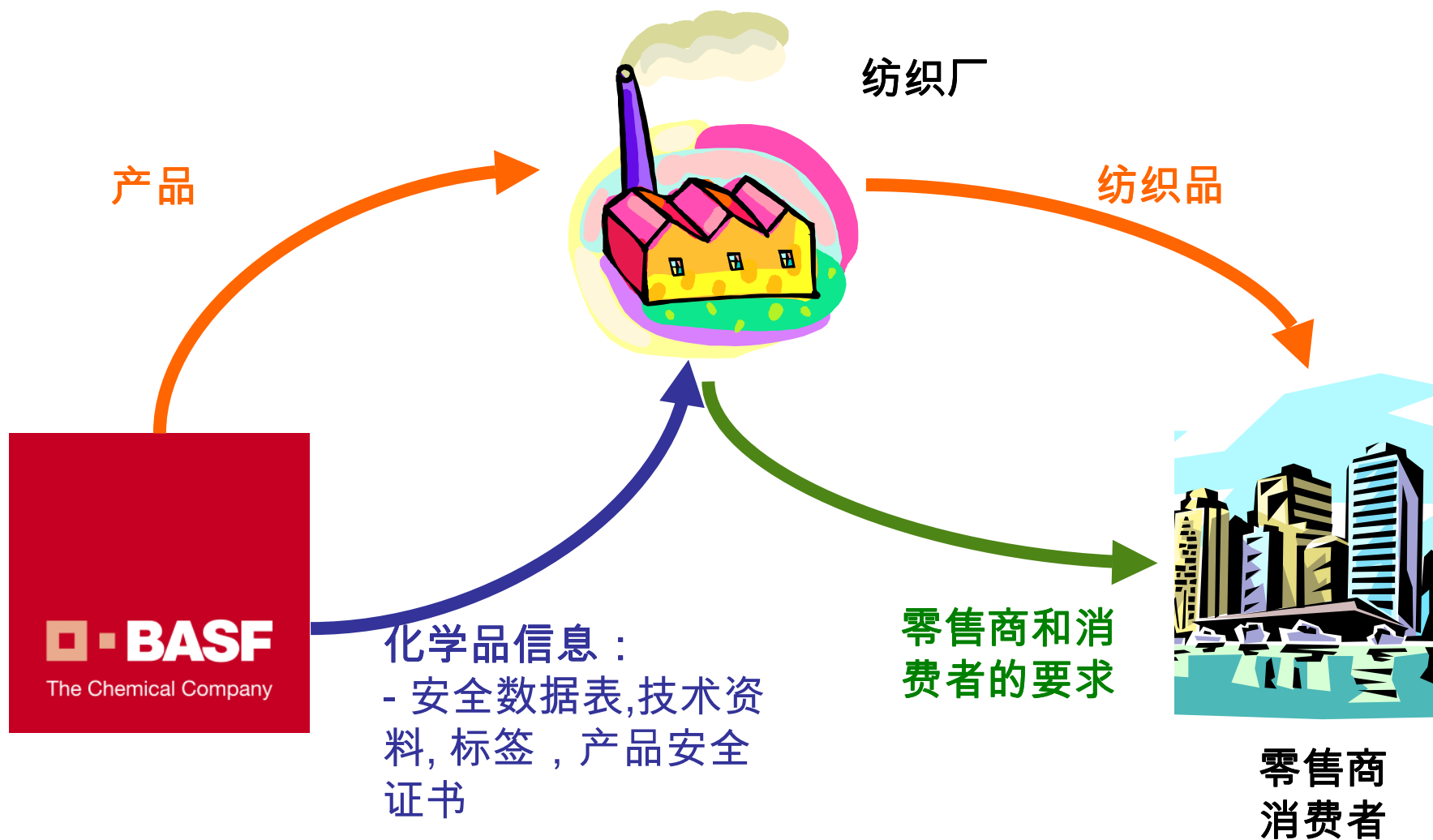
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- BASF简介
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- REACh 和 BASF
- **结论**

Conclusion



结论



Contact Details



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传真: 021 3865 5024

E-mail: zhenying-beth.bei@basf.com





**Thank you for
your attention !**



谢谢各位!