



ICCA Activities to Improve the availability of information

Sound Chemicals Management as Global Responsibility

Melanie Bausen (BASF SE)

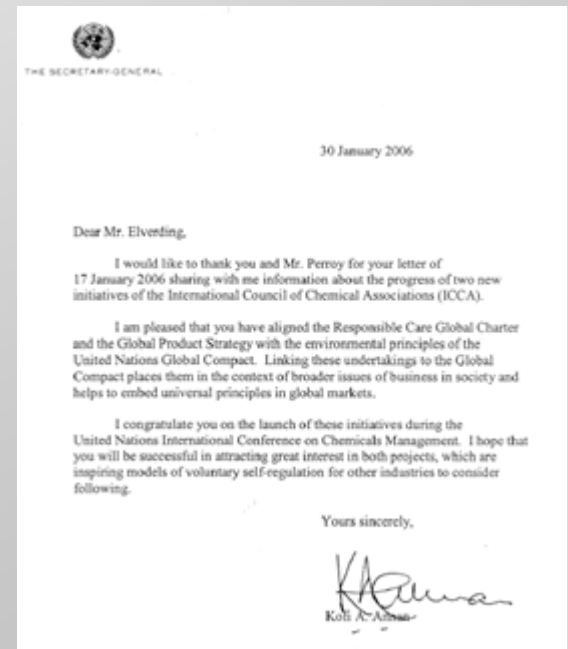
ICCA Chemical Policy and Health Leadership Group

9. December 2010, Geneva



ICCA contribution to SAICM – RCGC and GPS

- At ICCM-1 (Dubai, 2006) ICCA introduced two voluntary initiatives,
 - **Responsible Care Global Charter (RCGC) and**
 - **Global Product Strategy (GPS)**
- To improve sound management of chemicals globally
- All major chemical companies accepted the obligation to put GPS into practice
- External review process through ICCM's (2009 / 2012 / 2015 / 2018)



Global Product Strategy – Tools for Success



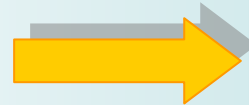
**Promote knowledge
and skills transfer**



**Training Workshops
Guidance materials
GPS Network of experts**



**Improve the availability
of information**



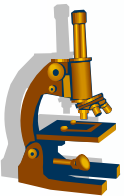
**Base Set of Information
GPS Safety Summary
Web-based IT-Portal**



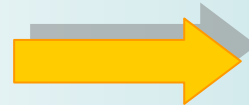
**Increase awareness on
chemical management**



**ICCA Principles for
Chemical Management
Systems**



**Research on existing
and emerging issues**



**ICCA Long Range
Research Initiative (LRI)**

Improve the availability of information

- A **Base set of information** is gathered for chemicals placed on the market. Relevant information for risk assessment will be made available to minimize unnecessary animal testing.
- Furthermore, to promote greater transparency, companies will provide information about marketed substances, in an easily understandable format (**GPS Safety Summary**)
- **Web-based IT-Portal** to make relevant information collected under GPS publicly available. All interested stakeholders will have open access to this portal.

Improve Exchange of Information – GPS IT Portal

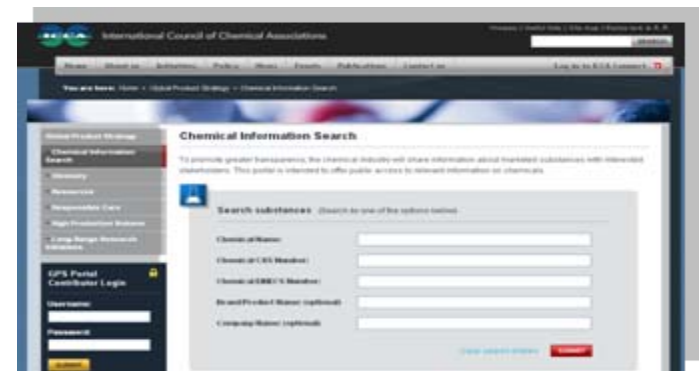
- Accessible to all stakeholders but provides secure upload functions for ICCA members only.
- Companies initially provided >1400 Safety Summaries. More to be available e.g. within 1 year after the respective REACH Tier deadline.
- The official public launch took place on 4th October 2010.



ICCA Website

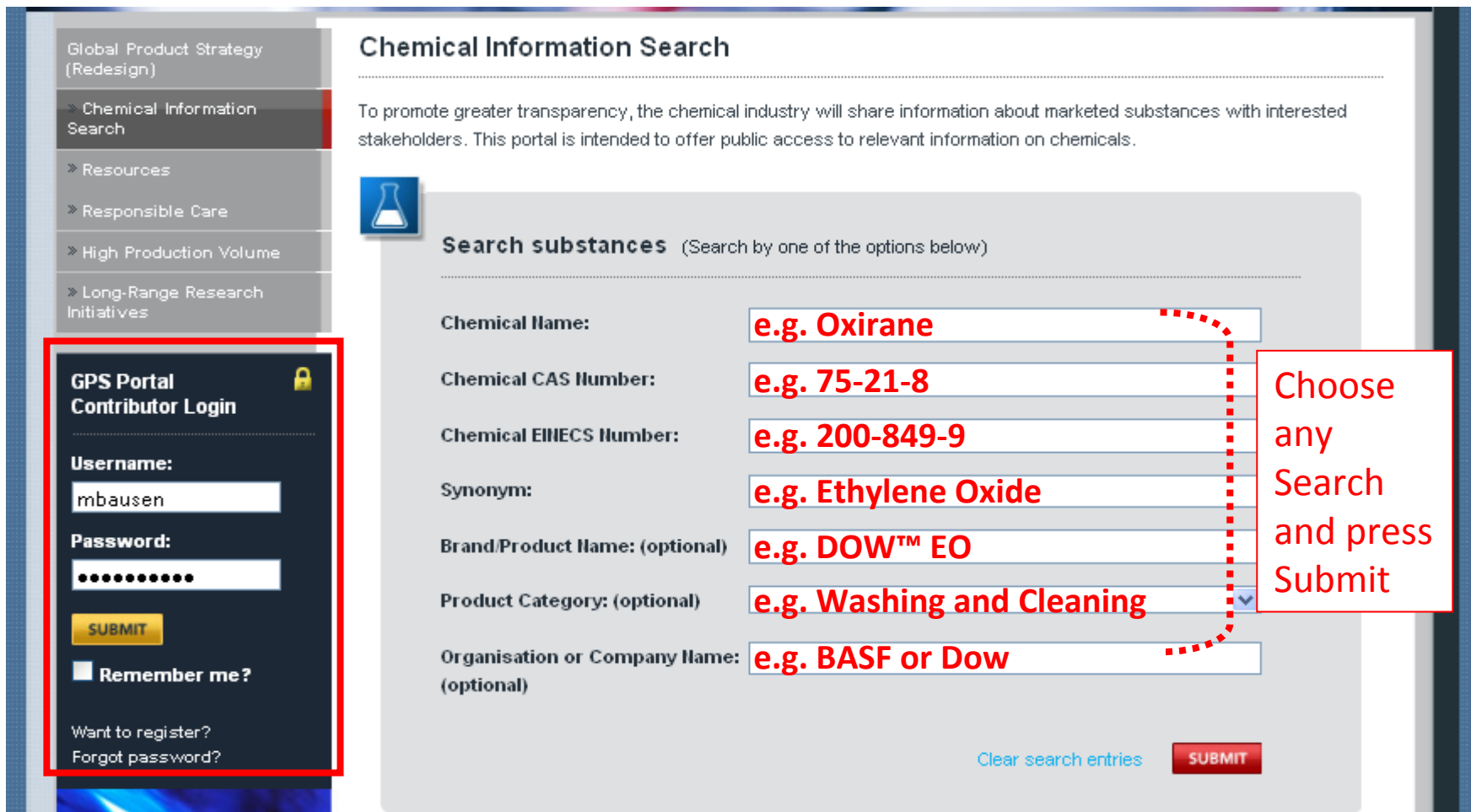


GPS Info Search



Public In Focus: Improve access to information

GPS IT Portal - Structure



The screenshot shows the 'Chemical Information Search' page of the GPS IT Portal. On the left is a navigation menu with options like 'Chemical Information Search', 'Resources', and 'Responsible Care'. Below the menu is a 'GPS Portal Contributor Login' box with fields for 'Username' (containing 'mbausen') and 'Password', a 'SUBMIT' button, and a 'Remember me?' checkbox. The main content area is titled 'Chemical Information Search' and includes a descriptive paragraph. Below this is a search form with a 'Search substances' heading and a subtext '(Search by one of the options below)'. The form contains several input fields with red text examples: 'Chemical Name: e.g. Oxirane', 'Chemical CAS Number: e.g. 75-21-8', 'Chemical EINECS Number: e.g. 200-849-9', 'Synonym: e.g. Ethylene Oxide', 'Brand/Product Name: (optional) e.g. DOW™ EO', 'Product Category: (optional) e.g. Washing and Cleaning', and 'Organisation or Company Name: (optional) e.g. BASF or Dow'. A 'Clear search entries' link and a red 'SUBMIT' button are at the bottom right. A red dashed line connects the examples to a callout box on the right that says 'Choose any Search and press Submit'.

Chemical Information Search

To promote greater transparency, the chemical industry will share information about marketed substances with interested stakeholders. This portal is intended to offer public access to relevant information on chemicals.

Search substances (Search by one of the options below)

Chemical Name: e.g. Oxirane

Chemical CAS Number: e.g. 75-21-8

Chemical EINECS Number: e.g. 200-849-9

Synonym: e.g. Ethylene Oxide

Brand/Product Name: (optional) e.g. DOW™ EO

Product Category: (optional) e.g. Washing and Cleaning

Organisation or Company Name: (optional) e.g. BASF or Dow

Choose any Search and press Submit

Clear search entries **SUBMIT**

GPS IT Portal - Structure

Energy & Climate Change

Global Product Strategy

» Chemical Information Search

» Resources

Responsible Care

High Production Volume

Long-Range Research Initiative

GPS Portal Contributor Login

Username:

Password:

Remember me?

Want to register?
Forgot password?

Oxirane

(Substance Summary) [Back to search results](#)

CAS number: 75218

EINECS number: 2008499

Synonyms: 1,2-EPOXYAETHAN, 1,2-EPOXYETHANE, AETHYLENOXID, ALPHA,BETA-OXIDOETHANE, AMPROLENE, ANPROLENE, ANPROLINE, DIHYDROOXIRENE, DIMETHYLENE OXIDE, E.O., ENT-26263, EO, EPOXYETHANE, ETHENE OXIDE, ETHOX, ETHYLEENOXIDE, ETHYLENE (OXYDE D'), ETHYLENE OXIDE, ETHYLENE OXIDE (ACGIH,DOT,OSHA), ETHYLENOXID, ETILENE (OSSIDO DI), ETO, ETYLENU TLENEK, FEMA NO. 2433, MERPOL, NCI-C50088, OXACYCLOPROPANE, OXANE, OXIDOETHANE, OXIRAAN, OXIRAN, OXIRANE, OXIRENE, DIHYDRO-, OXYDE D'ETHYLENE, OXYFUME, OXYFUME 12, RCRA WASTE NUMBER U115, STERILIZING GAS ETHYLENE OXIDE 100%, T-GAS.

Safety summary sheets: [Shell Chemical LP, Nalco, DOW, DOW, DOW, DOW, DOW, BASF Corporation, Dow Chemical International Pvt. Ltd, BASF.](#)

MSDS: [Mitsubishi Chemicals.](#)
(Material Safety Data Sheet)

Example of brand/product name: DOW™ Ethylene Oxide, Ethylene Oxide.

Example of product category: Washing and Cleaning Products (including solvent based products).

**Open to all
(layman and technical
language)**

BASF Product Finder – Global Access to Information

Corporate Website

About BASF | **Products & Industries** | Innovations | Sustainability | News & Media Relations | Investor Relations

BASF
The Chemical Company

Products & Industries

- Business Segments & Product Portfolio
- Product Finder**
- Customer Industries
- Biotechnology
- Global Procurement and Logistics
- Services
- New Business Development
- Fairs

BASF Product Finder

Your search [1]

Disclaimer
The sole purpose of the product finder is to locate products and solutions of BASF. The designated features do not necessarily concur with EU or national registration requirements (e.g. REACH). It is the responsibility of the customer to determine the appropriate use of each product and to comply with existing national laws and regulations. The safety data herein are provided for information only and are no substitute for the content of the Material Safety Data Sheet.

Refine your search by [1]

+ Availability (914)
+ Industries (637)
+ Areas of Application (599)
+ Product groups (556)

Open to all (layman language)

BASF Product Finder – Global Access to Information

Products & Industries

Business Segments & Product Portfolio

■ Product Finder

Customer Industries

Biotechnology

Global Procurement and Logistics

Services

New Business Development

Fairs

BASF Product Finder

Your search [1]

Search results

1 - 8 of 8 results

Product Line [1]	Description
» Acrodur®	Acrodur is an innovative alternative to conventional formaldehyde-based reactive resins such as phenol-formaldehyde- or urea-formaldehyde resins. In certain applications however, it is also an alternative to epoxy- or polyurethane based binders. It is an ecofriendly water-based acrylic resin with excellent bonding performance, completely formaldehyde-free and free of potentially hazardous crosslinker-chemistry.
» Ethylene urea	Ethylene urea is a cyclic urea which is mainly used as formaldehyde scavenger or chemical intermediate. Besides applications in the textile industry, use in the construction and coatings segment are known.

BASF Product Finder – Global Access to Information

Products & Industries

Business Segments &
Product Portfolio

■ Product Finder

Customer Industries

Biotechnology

Global Procurement
and Logistics

Services

New Business
Development

Fairs

» Back

Acrodur® – “Ecotechnology by BASF”

Acrodur is an innovative alternative to conventional formaldehyde-based reactive resins such as phenol-formaldehyde- or urea-formaldehyde resins. In certain applications however, it is also an alternative to epoxy- or polyurethane based binders. It is an ecofriendly water-based acrylic resin with excellent bonding performance, completely formaldehyde-free and free of potentially hazardous crosslinker-chemistry.

Where Acrodur® is used?

Acrodur is a versatile bonding technology that can be used in a variety of applications and with different types of substrates. It is perfectly suited to deliver high performance solutions in combination with Natural Fibers or particles such as wood fibers, bast fibers or cork, examples including the award-winning BMW 7series door panel composite. Acrodur also delivers superior performance in combination with glass or synthetic fibers (e.g carrier nonwovens for flooring products).

Why you should use Acrodur®?

Acrodur is one of the lowest emitting binders know. It is free of formaldehyde – a reactive system with only water as by-product of crosslinking. It is a non-toxic and non-explosive one-component solution, allowing safe and easy processing. It is b-stageable, i.e. a dry intermediate can be produced which in a next curing step can be shaped and finally cured.

Advantage Acrodur®

Whenever a bonding technology is required that delivers the cleanest and safest duroplastic binder power possible, Acrodur is likely to be the binder of choice. It works well with a wide variety of fibers (glass, polyethylene, polyamid, wood, hemp, sisal, ...) and produces highly durable results with excellent chemical resistance and biostability.

In combination with natural fibers, state-of-the-art lightweight composites can be achieved – using conventional machinery.



WorldAccount is the global
BASF portal for procurement
and sales processes.
C» Read more...

**Customer access
(technical language)**

BASF Product Finder – Global Access to Information

Products & Industries

Business Segments &
Product Portfolio

■ **Product Finder**

Customer Industries

Biotechnology

Global Procurement
and Logistics

Services

New Business
Development

Fairs

» Back

Ethylene urea

Ethylene urea is a cyclic urea which is mainly used as formaldehyde scavenger or chemical intermediate. Besides applications in the textile industry, use in the construction and coatings segment are known.

Further information in our Internet

☐ » Ethylene Urea (Europe)

Contact

email: ☐ » intermediates-info@basf.com (Global)

In what applications is ethylene urea used?

Ethylene urea serves mainly as a formaldehyde scavenger and chemical building block. Apart from the textile industry it is used in construction and coatings industry applications.

In what form does BASF supply ethylene urea?

Ethylene urea in solid form from BASF is available worldwide as an hydrate in bags (25kg), at 87-90 % assay. The product is also available as a 30 % aqueous solution.

■ **Availability**

Global



WorldAccount is the global
BASF portal for procurement
and sales processes.

☐ » Read more...

BASF Product Finder – Global Access to Information

Products & Industries

Business Segments &
Product Portfolio

■ Product Finder

Customer Industries

Biotechnology

Global Procurement
and Logistics

Services

New Business
Development

Fairs

» Back

Ethylene urea

Ethylene urea is a cyclic urea which is mainly used as formaldehyde scavenger or chemical intermediate. Besides applications in the textile industry, use in the construction and coatings segment are known.

Further information in our Internet

☐» Ethylene Urea (Europe)

Contact

email: ☐» intermediates-info@basf.com (Global)

■ Industries

- » Chemicals
Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing
- » Construction
Cement and Concrete Product Manufacturing
- » Furniture
Furniture Manufacturing

■ Areas of Application

- Coating, Paint
Industrial Coatings
Furniture, Flooring, Flatstock, Floor polish
- Construction
Concrete and cement
Additives for concrete
- Manufacturing
Chemical Manufacturing
Manufacturing of resins, fibers, filaments

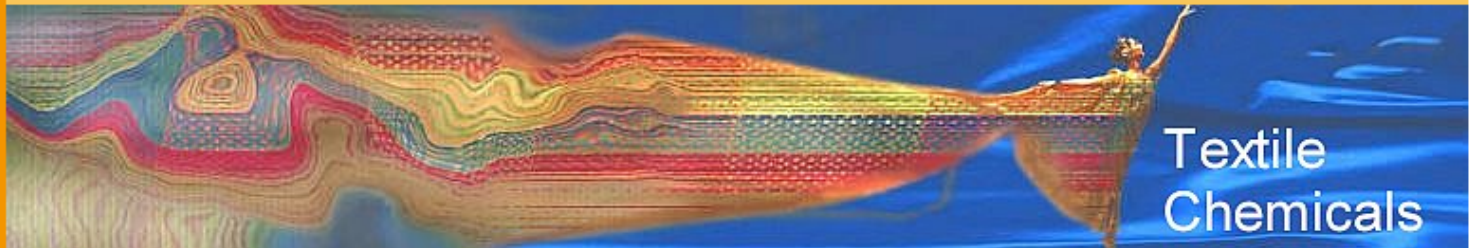


WorldAccount is the global
BASF portal for procurement
and sales processes.

☐» Read more...

BASF Textiles – Global Access to Information

Performance Chemicals | Our Business



Textile
Chemicals

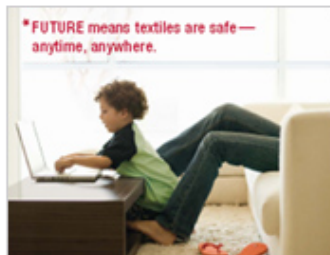
Performance Chemicals > Textile Chemicals

- ▶ Performance Chemicals
- ▶ Textile Chemicals
 - ▶ About Us
 - ▶ Textile Processing
 - ▶ Retailer & Brand
 - ▶ Hangtag & Label
 - ▶ News & Publications
 - ▶ Events
 - ▶ Contact Us

Welcome to Textile Chemicals - Putting *FUTURE into Textiles

For over 100 years, BASF has been the partner of choice for the textile industry – offering textile chemicals and solutions in all essential textile processing steps. Working together with partners along the textile value chain, we are constantly developing sustainable solutions for the future.

Consumer safety, resource saving and **climate protection**: with regulatory standards becoming stricter and public awareness growing, we find it important to concentrate even more on these areas to be ready for future challenges. This is our commitment to **Putting 'FUTURE into Textiles**.



Consumer Safety

*FUTURE means textiles are safe — anytime, anywhere.



Resource Saving

*FUTURE means saving 3,000 m³ of water each week.



Climate Protection

*FUTURE means 55 tons less CO₂ emissions each week.

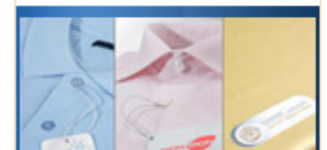


Stain Repellent & Release



Oeko-Tex Standard 100
Restricted Substances List
(RSL)
REACH

Standard Lists & Certificates



BASF Textiles – Global Access to Information

- ▶ Performance Chemicals
- ▶ Textile Chemicals
 - ▶ About Us
 - ▶ Consumer Safety
 - ▶ **Standard lists and certificates**
 - ▶ REACH

Standard lists and certificates

Product Stewardship

Competent partner for the textile industry

BASF Textile Chemicals supports customers and partners in:

- Meeting the criteria of labels and prohibited substances lists
- Meeting the national regulations, national and international voluntary agreements
- Performing eco-efficient processes with lowest environmental impact
- Conducting training programs on our products concerning ecology and eco-efficiency

i Standard lists and certificates (Adobe® pdf-format)

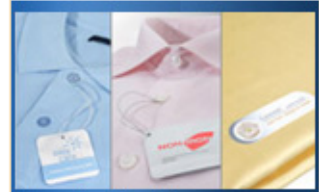
- **Hennes & Mauritz AB**
- **Levi Strauss & Co.**
- **Marks & Spencer**
- **s.Oliver Group**
- **European Union Eco-Label for textile products**
- **Global Organic Textile Standard - GOTS** (certified by IMO)
- **Oeko-Tex Standard 100** (en) - **Oeko – 纺织品标准100** (cn)
- **REACH - certificate**



Stain Repellent & Release



Standard Lists & Certificates



Hangtag & Label



Formaldehyde-free

BASF Textiles – Global Access to Information

CONFIRMATION

Garment and Textiles Products intended for H&M Hennes & Mauritz AB

We confirm that the BASF Performance Chemicals for Textiles listed in the Annex “the Chemicals” can be used for the processing of textiles that meet the requirements of H&M Hennes & Mauritz “H & M Chemical Restrictions” December 2009, either for

- adults
- childrenwear or babywear,

depending on description.

Please note that the Annex indicates which of the products have restricted suitability (e.g. adults, children or babywear).

The abovementioned confirmation is given provided that the chemicals are applied in accordance with BASF recommendations and/or industry standards for chemical applications throughout the textile industry. Processors’ particular attention is drawn to the notes which appear at the end of the Annex. For further details or information please contact our sales team.

BASF Textiles – Global Access to Information

Product	Product application	Evaluation Oeko-Tex Standard 100	Version 08. July 2010
Dekol [®] SN Super Conc.	Dyeing auxiliaries	Suitable for garment or textile products without restrictions. (4)	
Dekol [®] SNS	Dyeing auxiliaries	Suitable for garment or textile products without restrictions. (4)	
Dekol [®] SN-S	Dyeing auxiliaries	Suitable for garment or textile products without restrictions. (4)	
Denim PC	Spinning+Sizing agents	Suitable for garment or textile products without restrictions. (4)	
Ekolin Easy Care	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Eulysin [®] DBC	Dyeing auxiliaries	Suitable for garment or textile products without restrictions. (4)	
Eulysin [®] PC	Dyeing auxiliaries	Suitable for garment or textile products without restrictions. (4)	
Eulysin [®] S	Dyeing auxiliaries	Suitable for garment or textile products without restrictions. (4)	
Eulysin [®] WP	Dyeing auxiliaries	Suitable for garment or textile products without restrictions. (4)	
Fixapret [®] AB-8	Finishing agents	Suitable for adults without direct skin contact or for children above 3 years (e.g 104-170 cl) and for adults with direct skin contact, depending from the process applied (2)	
Fixapret [®] AB-9	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] AP	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] CL	Finishing agents	Suitable for adults without direct skin contact or for children above 3 years (e.g 104-170 cl) and for adults with direct skin contact, depending from the process applied (2)	
Fixapret [®] CM	Finishing agents	Suitable for adults without direct skin contact or for children above 3 years (e.g 104-170 cl) and for adults with direct skin contact, depending from the process applied (2)	
Fixapret [®] CP Concentrate	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] CPF	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] ECL	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] ECO	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] F-AMC	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] F-AP	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] F-CL	Finishing agents	Suitable for adults without direct skin contact or for children above 3 years (e.g 104-170 cl) and for adults with direct skin contact, depending from the process applied (2)	
Fixapret [®] F-ECO	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] F-ECO Plus	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] PC	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Fixapret [®] Resin LT	Finishing agents	Suitable for products for children above 3 years (e.g 104-170 cl) and products for adults (1)	
Glyezin [®] A	Auxiliary for Textile Prints	Suitable for garment or textile products without restrictions. (4)	

BASF Textiles – Global Access to Information

- ▶ Performance Chemicals
- ▶ Textile Chemicals
 - ▶ About Us
 - ▶ Consumer Safety
 - ▶ **Standard lists and certificates**
 - ▶ REACH

Standard lists and certificates

Product Stewardship

Competent partner for the textile industry

BASF Textile Chemicals supports customers and partners in:

- Meeting the criteria of labels and prohibited substances lists
- Meeting the national regulations, national and international voluntary agreements
- Performing eco-efficient processes with lowest environmental impact
- Conducting training programs on our products concerning ecology and eco-efficiency

Standard lists and certificates (Adobe® pdf-format)

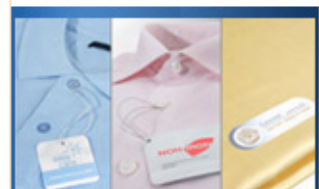
- **Hennes & Mauritz AB**
- **Levi Strauss & Co.**
- **Marks & Spencer**
- **s.Oliver Group**
- **European Union Eco-Label for textile products**
- **Global Organic Textile Standard - GOTS** (certified by IMO)
- **Oeko-Tex Standard 100** (en) - **Oeko – 纺织品标准100** (cn)
- **REACH - certificate**



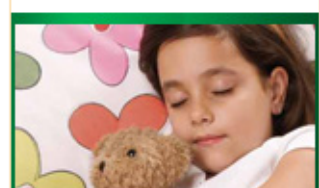
Stain Repellent & Release



Standard Lists & Certificates



Hangtag & Label



Formaldehyde-free

BASF Textiles – Global Access to Information

CONFIRMATION

The EU eco-label on Clothing, bed linen and indoor textiles

We herewith confirm that the BASF Performance Chemicals for Textiles listed in the Annex can be used for textiles (either for products that come in direct contact with the skin or other products, depending on the description) meeting the requirements of the European Union Eco-Label to textile products (Commission Decision of 9 July 2009 (2009/567/EC:)). The abovementioned confirmation is given provided that the chemicals are applied in accordance with BASF recommendations and/or industry standards for chemical applications throughout the textile industry. Processors' particular attention is drawn to the notes which appear at the end of the Annex. For further details or information please contact our sales team.

BASF Textiles – Global Access to Information

Product	Product Application	Evaluation EU-Ecolabel Textile version	Version19. July 2010
Glyezin [®] BC	Auxiliary for Textile Prints	Suitable without restriction. (1)	
Helizarin [®] Binder ET 95	Auxiliary for Textile Prints	Suitable for products with no direct contact with skin. Suitable for products with no direct contact with skin. children wear and baby wear with precautionary measures. (2)	
Helizarin [®] Binder FWT Conc.	Finishing agents	Suitable for products with no direct contact with skin. (3)	
Helizarin [®] Binder TOW	Auxiliary for Textile Prints	Suitable for products with no direct contact with skin. Suitable for products with no direct contact with skin. children wear and baby wear with precautionary measures. (2)	
Helizarin [®] Binder TX 4738	Auxiliary for Textile Prints	Suitable without restriction. (1)	
Helizarin [®] Black HDT	Pigment preparations	Suitable for garment or textile products without restrictions. Do not blend with C.I. Pigment Orange 13 or C.I. Pigment Orange 34. (5)	
Helizarin [®] Black Special ECO	Pigment preparations	Suitable for garment or textile products without restrictions. Do not blend with C.I. Pigment Orange 13 or C.I. Pigment Orange 34. (5)	
Helizarin [®] Black TT	Pigment preparations	Suitable for garment or textile products without restrictions. Do not blend with C.I. Pigment Orange 13 or C.I. Pigment Orange 34. (5)	
Helizarin [®] Blue BGT Conc.	Pigment preparations	Suitable without restriction. (1)	
Helizarin [®] Blue BT Conc.	Pigment preparations	Suitable without restriction. (1)	
Helizarin [®] Blue ECO	Pigment preparations	Suitable without restriction. (1)	