

Innovation

FOR A SUSTAINABLE FUTURE



Pulcra
The solution specialist



SUSTAINABILITY IN LINE WITH TOMORROW

Sustainability is a major part of the Pulcra chemicals philosophy and commitment. Pulcra Chemicals aims to succeed as a business by increasing the productivity and environmental compatibility of complex manufacturing processes in the fiber, textile, and leather industries. This means that Pulcra Chemicals addresses the regulatory requirements in most important target markets and the trends related to health, safety, ecological sustainability and innovation.

A top-down view of several people's hands, belonging to different ethnicities, cupping a mound of dark brown soil. A small, vibrant green basil plant with four leaves is growing out of the center of the soil. The hands are positioned in a circle, with some wearing silver bangles. The background is a soft, out-of-focus light blue and white.

Together with our social commitment and the continuous development and training of our employees, this approach is the key to our philosophy of sustainable development.

The Pulcra Chemicals product line fully complies with Europe's newest chemical requirements (REACH) and other regulatory requirements.



We register our products according to textile eco-standards and criteria including OEKO-TEX®, GOTS, and bluesign®. In our sustainability approach, Pulcra Chemicals is committed to the Zero Discharge of Hazardous Chemicals (ZDHC) and fulfills important requirements to make production with our chemicals safe and clean.



SAFETY POLICY STATEMENT MISSION

Safe operation is our only standard to our reach zero incidents target!
Pulcra Chemicals is committed to providing a safe and healthy workplace for our employees, contractors and visitors. Pulcra complies with all applicable safety laws and regulations to eliminate work-related injuries and unplanned accidents from our operations through our Environmental, Health and Safety Programs.



SAFETY POLICY STATEMENT POLICY

Pulcra Chemicals will manage its operation in accordance with our Environmental, Health and Safety principles and beliefs, in a manner that helps to control occupational safety and health risks, protects the environment by improving natural resource conservation while fully complying with applicable laws and regulations.



SAFETY POLICY STATEMENT

PRINCIPLES AND BELIEFS

Pulcra Chemicals recognizes people as our number one asset and expects each employee to create a culture of accident and injury elimination by assisting in the recognition and mitigation of workplace hazards. Pulcra Chemicals facilities will be designed, constructed, operated and maintained with the goal of eliminating wasteful and dangerous practices.



SAFETY POLICY STATEMENT

Pulcra Chemicals is committed to serving our customers and all employees must take personal responsibility to work safely and show concern for the health and safety of their co-workers, contractors, customers, communities and the environment.

Environmental, Health and Safety must come first, no matter how urgent the job. A healthy and safe work environment for all employees, visitors and contractors is essential for the success of business as well as our families and communities.



USAGE OF RENEWABLE RESOURCES

Our product portfolio includes also components derived from renewable raw materials such as coconut oil, sunflower oil, palm oil, rapeseed oil and many more. We have a broad range of native thickeners and sizing agents based on renewable raw materials.



BLUESIGN®

The Blue Way by BLUESIGN represents the vision and mindset of responsible and sustainable manufacturing of textile consumer products. BLUESIGN is a system that provides safer and more sustainable environments for people to work in and everyone to live in. Powered by a holistic approach, BLUESIGN traces each textile's path along the manufacturing process, making improvements at every stage from factory floor to finished product. BLUESIGN changes the environmental impact of textiles for good.

Pulcra Chemicals is bluesign® System Partner since 2013, herewith confirms that the products mentioned at the Pulcra Bluesign® list meet the criteria for homologation and were approved according to the bluesign® system with blue or grey rating and were published in the bluesignfinder database.



REACH

REGISTRATION, EVALUATION,
AUTHORISATION AND RESTRICTION
OF CHEMICALS

REACH[®]

Regulation (EC) No. 1907/2006 is an EU chemicals regulation that came into force on 1 June 2007. REACH stands for Registration, Evaluation, Authorisation and Restriction of Chemicals.

PULCRA Chemicals registered all substances produced or imported on time.



OEKO-TEX®

The STANDARD 100 by OEKO-TEX® is a worldwide consistent, independent testing and certification system for raw, semi-finished, and finished textile products at all processing levels, as well as accessory materials used. Since its introduction in 1992, the central focus of the STANDARD 100 by OEKO-TEX® has been the development of test criteria, limit values and test methods on a scientific basis. On the basis of its comprehensive and strict catalogue of measures, with several hundred regulated individual substances.

All Pulcra Chemicals products will be checked regarding the Oeko-Tex® standard criteria catalogue. Test criteria and limit values in many cases go far beyond applicable national and international standards. Extensive product checks and regular company-on-site visits also ensure that the industry has a globally sustainable awareness of the responsible use of chemicals.



TOX-SERVICES / FMD™

ToxServices' Full Materials Disclosure™ (ToxFMD™) Program provides a streamlined platform for chemical hazard assessment. The ToxFMD™ Program is used by ZDHC Members to document conformance with the ZDHC MRSL. ToxFMD™ is also an integral part of Levi Strauss & Co. Screened Chemistry Program. Pulcra Chemicals portfolio include products that fulfill ToxServices requirements.



RESPONSIBLE CARE®

Safety and the protection of human health and the environment are of fundamental importance. For this reason, company managements are required to define guidelines for Responsible Care® which are oriented towards this paramount principle. In addition, measures and procedures shall be defined that enable implementation of these guidelines into everyday practice by the company and its employees. Such guidelines shall be reviewed periodically and, where appropriate, adjusted to new requirements.

Pulcra Chemicals is a member of the „Verband der Chemischen Industrie e.V.“ (the German Chemical Industry Association) and commit ourselves to act according to the worldwide initiative Responsible Care by constantly improving the protection of health and environment as well as the safety of employees and fellow citizens.



ØZDHC

Pulcra Chemicals commitment to the Zero Discharge Of Hazardous Chemicals manufacturing restricted substance list. In the Zero Discharge of Hazardous Chemicals (ZDHC) Joint Roadmap, Version 2, ZDHC member brands are committed to define and develop a Manufacturing Restricted Substances List (MRSL) for the apparel and footwear industry. The ZHDC MRSL addresses hazardous substances potentially used and discharged into the environment during manufacturing and related processes, not just those substances that could be present in finished products.

The ZDHC MRSL is a list of chemical substances subject to a usage ban, meaning that the MRSL-listed chemical substance or group of substances may not be used to achieve a desired function or effect during production of the raw material or product (that is, no intentional use). Pulcra Chemicals portfolio include products that fulfill ZDHC requirements.

APEO-FREE

APEO (Alkylphenol Ethoxylates) included as a requirement in the ZDHC-list. The most important APEOs or alkyl phenol ethoxylates for the textile industry are NPEOs (Nonylphenol ethoxylates) and OPEOs (Octylphenol ethoxylates). APEOs are usually present in detergents, cleaning agents as well as other chemicals used for textile or leather production.

In 2001 the European Union agreed on a program for the cessation or phasing-out of AP and APEO, and 2003 EU directive 2003/53/EC was enacted (adopted to REACH Annex XVII by Commission Regulation (EC) No. 552/2009). This statement is also valid for textile auxiliaries.



INDITEX

INDITEX

INDITEX has developed a set of different guidelines to compile the minimum requirements and best practices to comply with INDITEX Product Health standard, Clear To Wear. This manufacturing code is intended for all INDITEX direct suppliers and their supply chains, including dyeing and printing mills, laundries and tanneries.

Pulcra Chemicals portfolio include products that fulfill INDITEX requirements.



GOTS

The Global Organic Textile Standard (GOTS) is the worldwide leading textile processing standard for organic fibres, including ecological and social criteria, backed up by independent certification of the entire textile supply chain.

The consensus of the Founding Organizations was that a clear and unambiguous understanding of the content required that the Global Standard itself focuses on compulsory criteria only. The standard covers the processing, manufacturing, packaging, labelling, trading and distribution of all textiles made from at least 70% certified organic natural fibres. The final products may include, but are not limited to fibre products, yarns, fabrics, clothes and home textiles. Pulcra Chemicals portfolio include products that fulfill GOTS requirements.



ISO CERTIFICATION

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ISO 9001:2015 sets out the criteria for a quality management system. It can be used by any organization, large or small, regardless of its field of activity. This standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement. Using ISO 9001:2015 helps ensure that customers get consistent, good quality products and services.

ISO 14001: Is the international standard that specifies requirements for an effective environmental management system (EMS). It provides a framework that an organization can follow, rather than establishing environmental performance requirements. Part of the ISO 14000 family of standards on environmental management, ISO 14001 is a voluntary standard that organizations can certify to. Integrating it with other management systems standards, most commonly ISO 9001, can further assist in accomplishing organizational goals.



RSPO

The Roundtable on Sustainable Palm Oil (RSPO) is a global, multi-stakeholder initiative on sustainable oil palm products. Since 7th of September 2018 Pulcra Chemicals GmbH is certified according to the RSPO Supply Chain Certification Standard.

Pulcra Chemicals GmbH already started to develop and formulate products based on certified palm oil and palm kernel oil. We are continuously prompting these new products and developments to their customers.

In communication and presentations Pulcra Chemicals GmbH is highlighting the possibilities of Mass Balance certified palm oil and palm kernel oil based products. We are expected to achieve 100% RSPO certification of all palm processing facilities in the year 2030.

Like to find out more?

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