

bluesign® glossary

definitions and abbreviations

Version 1.0 | effective from April 01, 2014

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1 Definitions

Expression	Definition
A	
Accepted	Status of a basic chemical which meets the bluesign® criteria for chemical assessment (homologation)
Accessory	A component of a consumer product which is not classified as textile fabric (e.g. button, label, zipper, etc.)
Accessory manufacturer	A company producing accessories
Action plan	A part of a screening/audit report. It includes mandatory actions to be completed in a given time frame and recommendations
Air emission	Gases, odor and particles which are emitted by various sources
Article	Generally (see <i>REACH</i>) an object composed of one or more substances or mixtures given a specific shape, surface or design. In terms of a bluesign® certificate and the registration in the bluesign® blueguide an article is characterized by a well-defined manufacturing process and by an article name/article code.
Assembler	Cuts and sews and assembles intermediate products for manufacturing of non-garments e.g. backpacks or other equipment
Audit	See <i>bluesign® audit</i>
Auxiliary	A commercial product composed of two or more chemical substances
B	
Banned	Status of a chemical product from bluesign® non-system partner. Banned rated chemical product does not meet the bluesign® criteria for chemical assessment (homologation) and must be eliminated from the manufacturing process
Basic chemical	A commercial product (normally without a trade name) consisting of one chemical substance or a solution of this substance (e.g. sodium hydroxide, acetic acid)
Best Available Techniques (BAT)	<i>According to European Directive 2008/1/EC:</i> <i>“available” techniques are those developed on a scale which allows implementation in the relevant industrial sector, under economically and technically variable conditions, taking into consideration the costs and advantages, whether or not the techniques are used or produced as long as they are reasonably accessible to the operator;</i> <i>“best” means most effective in achieving a high general level of protection of the environment as a whole;</i> <i>a “technique” includes, machines, process types, chemical products and other raw materials used, management systems etc.</i> The bluesign® system supports the implementation of BAT at all levels of the supply chain.
Bill of Materials	A comprehensive list of raw materials, components and assemblies required to manufacture a product

Black rating	Rating of a chemical product from a bluesign® system partner which does not meet the bluesign® criteria for chemical assessment (homologation) and must be eliminated from the manufacturing process
Blue rating	Rating of a chemical product from a bluesign® system partner. Blue rated chemical product may be used for all applications
bluesign academy	R&D department of bluesign technologies ag, whose main task is to generate and disseminate knowledge
bluesign® applications	A set of web-based tools and databases supporting the implementation of the bluesign® system
bluesign® approved	A trademark that applies to <ul style="list-style-type: none"> ■ chemical products for industrial use in the textile and leather industry and related industries (e.g. accessory manufacturing) ■ textile articles for industrial use at all processing levels (man-made fibers, yarns, raw fabrics, dyed, finished, coated fabrics etc.) ■ finished leather articles for industrial use ■ accessories
bluesign® approved article list	Part of the bluesign® certificate. It lists all articles covered by the certificate with their article numbers or identification
bluesign® audit	A procedure carried out mostly physically (see <i>on-site inspection</i>) following the bluesign® criteria
bluesign® bluefinder	Web-based online database containing homologated blue and grey rated chemical products (e.g. dyestuffs, auxiliaries). It serves as a search engine designed to help manufacturers in finding bluesign® approved chemical products
bluesign® blueguide	Web-based online database containing bluesign® approved fabrics and other bluesign® approved articles
bluesign® bluetool	Web-based software application for chemical assessment and rating (bluesign® homologation) of chemical products
bluesign® certificate	Document that confirms compliance of a product range with the bluesign® criteria and grants the right to use the respective label
bluesign® criteria	A set of requirements for inputs, production sites and products
bluesign® product	A trademark which characterizes consumer goods that meet the relevant bluesign® criteria
bluesign® screening	A procedure including an on-site inspection and creation of a homologation list. It consists of the detailed evaluation of the environmental, resource and occupational health situation of manufacturing sites and of the chemical products in use
bluesign® system	The bluesign® system integrates the relevant players across the supply chain, sets criteria and defines actions that determine their behavior towards human and environmentally friendly production and products
bluesign® system partner	A company committed to the bluesign® system and holding a valid bluesign® system partner agreement

bluesign® system substances list (BSSL)	<p>A list that specifies limits and bans for chemical substances following the bluesign® criteria for chemical assessment (Homologation)</p> <p>bluesign® system substances list (BSSL - Consumer safety limits) is available as a print version and a pdf.</p> <p>Limits and bans for the BSSL substances in chemical products are documented in the bluesign® bluetool</p>
Brand	An originator of the final product and owner of any associated label/trademark
C	
CAS Registry Number	A unique numeric identifier which designates only one chemical substance; also referred to as CAS number
Certificate of analysis	A document which a chemical supplier generates for each run or batch of shipped products. It provides business customers with information related to product quality, purity, and conformance to product requirements
Chemical	A commercial product which can be a chemical substance or a mixture
Chemical product	See <i>Chemical</i>
Chemical substance	A chemical element and its compounds with constant composition and properties. It is defined by the CAS number
Chemical supplier	A company that places under own trade name chemical products such as auxiliaries, dyestuffs and other chemical products for production of textiles, leather and accessories on the market. A chemical supplier may be a <i>manufacturer</i> , a formulator or a <i>rebrander</i> of chemical products. A producer of chemical products who directly uses the produced chemicals for down-stream processing of articles will also fall under the category chemical supplier.
Colorant	Can be a dye or a pigment. Colorants are characterized by their ability to absorb visible light
Company	A voluntary association formed and organized to carry on a business
Component	A part of an article that can be distinguished according to the material composition, the functionality and/or the color and is easily, mechanically separated from the other components
Consumer good	A product intended for consumer use (e.g. a jacket for sale to a consumer); see also <i>final product</i>
Consumer safety limit	Defines a maximum concentration of a substance that ensures the safety of a consumer under typical and most probable exposure situations
Converter	A company selling textile articles (all processing levels), finished leather articles and accessories for use in textile and leather industry that are sourced from a sub-supplier. A converter does not have any installed chemical or physical finishing steps. Original products are sold without any change with exception of make-up/packaging
Converter table	An index of converter article codes allocated to the original ones given by the supplier of the fabric

D	
Detection limit	The lowest quantity of a substance that can be distinguished from the absence of that substance following a prescribed analytical method
Downstream user	A company or an individual who uses a chemical substance, either on its own or in a mixture, in the course of the industrial or professional activities
Dye	See <i>dyestuff</i>
Dyestuff	A colorant applied to various substrates from a liquid in which it is completely or at least partly soluble. In contrast to a pigment, dyestuff must possess a specific affinity to the substrates for which it is used
E	
Endpoint	A discreet , measured parameter or outcome in a study
Exposure	A state of coming into contact with a chemical substance through inhalation, skin contact, ingestion or any other route
F	
Fabric	A textile material made of fibers or yarns by weaving, knitting braiding, felting or non-woven processes and having a substantial surface area related to its thickness
Final product	A product intended for consumer use (e.g. a jacket for sale to a consumer); see also <i>consumer good</i>
First-tier (tier 1)	A direct supplier to a brand, e.g. garment manufacturer, assembler
G	
Garment	A consumer good made mostly of textiles or leather with a purpose of dressing people
Garment manufacturer	Cuts and sews and assembles intermediate products for production of garments
Global Harmonised System (GHS)	An internationally agreed-upon system, created by the United Nations. It is designed to replace the various classification and labelling standards used in different countries by using consistent criteria for classification and labelling on a global level
Grey rating	Rating of a chemical product from a bluesign® system partner. Grey rated chemical product may be used under one or more pre-conditions as listed in the bluesign® bluefinder
H	
Hazard	An intrinsic potential of something to cause harm
Homologation	Chemical assessment and rating of chemical products according to their environmental, health and safety aspects
Homologation list	A list containing all chemical products in use at a production site. The homologation list gives an overview on the status of mixtures and basic chemicals from system partners and non-system partners

I	
Input stream management	Using for manufacturing of articles only those chemical products and other raw materials which are assessed based on their risk for people and environment, thus minimizing or even eliminating harmful substances before the manufacturing begins. A similar concept applies for both upstream and downstream players across the supply chain
Intermediate product	Any material used to make a final product. It is not used by a consumer (e.g. fabric made by a finishing company and delivered to a cut and sew factory for further processing)
L	
Lethal Dose 50 (LD50)	A median lethal dose expressed in mg/kg body weight. The point where 50 % of test subjects exposed would die
Lowest Ineffective Dilution (LID)	Expressed as dilution level at which no inhibition, or only effects not exceeding the test-specific variability, are observed
M	
Management system	A framework of processes and procedures used to ensure that an organization can fulfil all tasks required to achieve its objectives.
Mandatory actions	Actions defined in the action plan that have to be completed in a given time frame
Manufacturer	A company that produces textile articles (all processing levels) leather and accessories
Material	The matter from which something can be made. Material can include raw and processed materials as well as intermediate products
Mixture	A chemical product composed of two or more substances. It can be, for example, a colorant or an auxiliary
Material Safety Data Sheet (MSDS)	A tool for ensuring that suppliers communicate enough information along the supply chain to allow safe use of their substances and mixtures. It includes information about the properties of a substance (or mixture), its hazards and instructions for handling, transport and disposal and also first aid, fire-fighting and exposure control measures
O	
On-site inspection	An inspection at the production site focusing on environmental and OH&S aspects, during which the compliance with the bluesign® criteria is checked and measures for continuous improvement are evaluated
Organic solvent	Any <i>VOC</i> which is used alone or in combination with other agents, and without undergoing a chemical change, to dissolve raw materials, products or waste materials, or is used as a cleaning agent to dissolve contaminants, or as a dissolver, or as a dispersion medium, or as a viscosity adjuster, or as a surface tension adjuster, or a plasticiser, or as a preservative. (<i>Directive 1999/13/EC</i>)
P	
Pigment	A colorant characterized by being practically insoluble in the media in which it is applied

Preparation	See <i>mixture</i>
Product	A commercial good
Product group	A series of articles that are manufactured according to the same routine (similar recipes and process steps in pre-treatment, dyeing and finishing; dyestuff types may vary; similar textile technologies)
Product range	A series of product groups defined by the product type and the application area (e.g. wovens for outdoor wear)
Product screening form (PSF)	A questionnaire for collecting product's chemical, toxicological and environmental data as well as confirmation for the BSSL compliance of chemical products. It serves as basis for bluesign® homologation
Production site	A stationary technical unit that is under control of one legally independent corporation including any directly associated activities that have a technical connection with the activities carried out at the site and that could have an effect on emissions
Product Stewardship	Responsible and ethical management of products and their packaging at all stages of the lifecycle with a view to minimize their health, environmental and safety impacts
Q	
Qualified supplier	A supplier which after initial and repeated supplier evaluation fulfills the criteria defined by the purchasing company
R	
Raw material	A basic material from which finished products or intermediate products are manufactured or made. It includes fibers, raw fabrics and chemicals
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
Re-audit	Regular audit following the initial <i>audit</i> or another preceding audit in defined time intervals
Rebranding	A company that purchases chemical products from a chemical supplier and distributes them under own brand name
Re-screening	Regular screening following the initial <i>screening</i> or another preceding screening in defined time intervals
Resource productivity	Ecological and economical willingness to produce textiles of the defined quality level and added value with a minimum required resources and the lowest environmental impact possible
Restricted Substances List (RSL)	A list of chemicals to be actively managed and informed on, compiled by a business, trade group or other organization. An RSL may contain chemicals for controlled use, targeted for elimination/substitution, and those that may be totally banned or may be regulated
Reference Dose	An estimate of a daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime. The RfD is generally expressed in mg/kg bodyweight/day
Risk	A likelihood of harm to occur

Risk assessment	An effort to determine the likelihood that adverse effects may occur in the light of the intrinsic hazards of a chemical and the anticipated exposures to the chemical
S	
Scope of certificate	Defines the product range and the corresponding articles which are certified
Screening	See <i>bluesign® screening</i>
Screening preparation	Delivery of company related data such as basic information, production and consumption volumes to an entity performing a screening in order to ensure an effective on-site inspection
Second-tier (tier 2)	A supplier to <i>first tier</i> supplier, e.g. a textile finishing company
SDS	See <i>MSDS</i>
Stakeholder	A person with an interest or concern in the organization, site or project (e.g. site workers and management, trade unions, shareholders, customers, suppliers, the local community etc.)
Subcontractor	A company performing specific manufacturing steps on behalf of another company
Substance of Very High Concern (SVHC)	<i>REACH</i> Regulation, article 57. A substance <i>may</i> be proposed as an SVHC if it meets one or more of the following criteria: <ul style="list-style-type: none"> ■ it is carcinogenic; ■ it is mutagenic; ■ it is toxic for reproduction; ■ it is persistent, bioaccumulative and toxic according to the criteria set out in Annex XIII to the REACH Regulation (PBT substances); ■ there is "scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern"; such substances are identified on a case-by-case basis
T	
Technical Data Sheet (TDS)	A document summarizing the performance and other technical characteristics of a product or a material. It includes information on proper application and handling
Textile	A type of material composed of natural or synthetic fibers
Textile manufacturing	Manufacturing and processing of fibers, yarns (e.g. spinning, twisting), manufacturing of raw fabrics (e.g. weaving, knitting, non-woven, tufting, braiding) as well as textile finishing (e.g. pre-treatment, dyeing, printing, finishing, coating, laminating)
Total Organic Carbon (TOC)	A sum parameter for organic load in wastewater
TOC (off-gas)	A sum parameter for organic load measured by FID (flame ionization detector)
Tolerated	Status granted to chemical products from non-bluesign® system partner; temporary use is accepted
Toll manufacturer	A company producing chemical products on behalf of a chemical supplier. Specifications regarding purchase of raw materials and/or formulation recipes are made by the chemical supplier
Toy	A product designed or intended, whether or not exclusively, for use in play by children under 14 years of age (<i>Directive 2009/48/EC</i>)

U

Usage ban	See <i>BSSL</i> . For several chemical substances or substance groups a usage ban is defined. For these substances or substance groups an intentional use in manufacturing of articles is prohibited. That means that chemical products used for manufacturing of articles (e.g. colorants or textile auxiliaries) must not intentionally contain these substances or substance groups
Usage range	See <i>BSSL</i> . Usage ranges classify consumer goods according to their consumer safety relevance. Three usage ranges (A, B, C) are defined, with A being the most stringent category concerning limit values/bans
Usage range A	Articles with next to skin use and baby-safe articles
Usage range B	Articles with occasional skin contact
Usage range C	Articles with no skin contact

V

Volatile Organic Compound (VOC)	Any organic compound having at 293,15 K a vapor pressure of 0,01 kPa or more, or having a corresponding volatility under the particular conditions of use
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W

Working list	Extract of <i>homologation list</i> . Used for communication between system partner and bluesign technologies. Contains open points to be worked out
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2 Acronyms and Abbreviations

Abbreviation	Full name / Definition
AOX	Adsorbable Organic Halogen Compounds
BAT	Best Available Techniques
BOD ₅	Biological Oxygen Demand
BOM	Bill of Materials
BSSL	bluesign® system substances list
CAS	Chemical Abstracts Service
CMR	Carcinogenic, Mutagenic and Reprotoxic
CoA	Certificate of Analysis (see <i>Definitions</i>)
COD	Chemical Oxygen Demand
CSR	Corporate social responsibility
EHS	Environmental Health and Safety
GHS	Global Harmonised System
LCA	Life Cycle Assessment
LD50	Lethal Dose 50 (median Lethal Dose)
LID	Lowest Ineffective Dilution
NGO	Non-Governmental Organization
MOS	Margin of Safety
MSDS	Material Safety Data Sheet
NOAEL	Non-Observed Adverse Effect Level
OH&S	Occupational Health and Safety
OECD	The Organization for Economic Co-operation and Development; here referring to OECD Guidelines for the Testing of Chemicals
PEC	Predicted Environmental Concentration
PNEC	Predicted Non-Effect Concentration
PSF	Product Screening Form
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RfD	Reference Dose
RSL	Restricted Substances List
SDS	Safety Data Sheet
SOP	Standard Operating Procedure
SVHC	Substance of Very High Concern
TDS	Technical Data Sheet
TNMHC	Total Non-Methane Hydrocarbons
TOC	Total Organic Carbon
TSS	Total Suspended Solids
VOC	Volatile Organic Compound

3 Validity

This document comes into effect from April 01, 2014.

This document is subject to changes. Changes will come into effect after prior notice and defined transition time.