

Category: Pyrotechnics

18-05

Author: Träger

Product: Pyrotechnik/Pyrotechnics

Requirements for all products

Article No.:

The topic safety of products concerns the complete range of "hardware", since products generally have to be designed to be safe.

req. no.	Statutory requirement	Law	Article
3063	<p>Bis(pentabromphenyl)ether (Decabromdiphenylether, DecaBDE; CAS-Nr.: 1163-19-5; EG-Nr.: 214-604-9)</p> <p>1.) shall not be manufactured or placed on the market as a substance on its own after 2 March 2019.</p> <p>2.) shall not be used in the production of, or placed on the market in:</p> <p>(a) another substance, as a constituent;</p> <p>(b) a mixture;</p> <p>(c) an article, or any part thereof, in a concentration equal to or greater than 0,1 % by weight, after 2 March 2019.</p>	VO (EG) Nr. 1907/2006	Anhang XVII
50671	<p>Prohibitions and restrictions for persistent organic pollutants are to be observed (POP-Regulation).</p> <p>Additional information: RE (EC) No. 850-2004_17-05.pdf VO (EG) Nr. 850-2004_17-05.pdf</p>	VO (EG) Nr. 850/2004	
50795	<p>Consumer Goods or part thereof under 5 cm (not toys) that could be used by children under normal or reasonably foreseeable conditions of use in the mouth may not be placed on the market if the concentration of lead (expressed as metal) in those articles or accessible parts thereof is equal to or greater than 0,05 % by weight.</p> <p>This does not apply to products which were first placed on the market before 01 June 2016.</p> <p>Exceptions (see Additional information) to be observed.</p> <p>Additional information: RE (EU) No. 2015-628 REACH Lead_15-04 VO (EU) 2015-628 Änderung REACH Blei_15-04</p>	VO (EG) Nr. 1907/2006	Anhang XVII i.V.m. VERORDNUNG (EU) 2015/628
50538	<p>Material, mixtures and products with a mercury concentration of over 0.01 percent weight may no longer be manufactured or placed on the market from 10. Oct.2017.</p>	VO (EU) Nr. 848/2012	
50525	<p>If a product marked with a CE mark and complies with it by the CE- requirements, the GS- mark should not to be used. Equivalent requirements of CE criteria and GS criteria rules out a GS-mark.</p>	ProdSG	§ 20
50527	<p>The GS-mark must be designed in accordance with the provisions of ProdSG.</p> <p>Additional information: GS- Zeichen_14-04</p>	ProdSG	§ 22 (3)

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req. no.	Statutory requirement	Law	Article
50517	<p>Products may be provided only in the market if they are safe. The following points should be considered for evaluation:</p> <ul style="list-style-type: none"> - The property of the product, including the composition, packaging, instructions for assembly, installation, maintenance and service life; - Expect the effect of the product on other products where it is used together with other products; - The presentation of the product, its labeling, as well as information on the Elimination of all other indication or informations; - The group of users who are more at risk when using the product as others. 	ProdSG	§ 3
50518	<p>The product safety of a product is completely to examined. All components of a product, as:</p> <ul style="list-style-type: none"> - the product as self, - identification, - correct instructions, - adequate warnings, - Information about foreseeable misuse, - disposal instructions, - Information for specific user groups, <p>must be checked.</p>	ProdSG	§ 3
50519	<p>Manufacturers and importers have provisions for appropriate measures (market monitoring, complaint analysis, etc.) shall be taken to avoid risks associated with the product. This applies to organizational measures to alert consumers and any necessary withdrawal or the recall.</p>	ProdSG	§ 6
50520	<p>Manufacturers and importers have carried out random checks to investigate complaints and to inform the dealers about their actions in the context of product safety.</p>	ProdSG	§ 6 (3)
50521	<p>Manufacturers and importers have the competent market surveillance authority immediately informed about health and safety risks associated with the product that they put on the market.</p> <p>The actions taken to represent.</p>	ProdSG	§ 6 (4)
50522	<p>The CE marking must be visible, legible and permanently be directly attached to the product or its data plate. This also applies to the address of the manufacturer, importer or the trademark owner. If the type of product that is not possible or not warranted, the CE marking is affixed on the packaging, as well as on the accompanying documents, provided they are prescribed.</p> <p>Attention! Information from public authorities are exceptions to the direct labeling of the product if they are only economic.</p> <p>Additional information: LASI Leitlinien zum Produktsicherheitsgesetz_13-04</p>	ProdSG	§7 (3)
50523	<p>If the production (production control) of the product by a notified conformity assessment body has been audited, according to the CE mark, the number have to apply on the product.</p>	ProdSG	§ 7 (4)

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req. no.	Statutory requirement	Law	Article
50524	Behind the CE mark and the number can be apply an icon indicating a special risk or special use.	ProdSG	§ 7 (5)
160071	It is prohibited to place consumer goods on the market under misleading designation, information or presentation.	LFGB	§33 Abs. 1
103003	Consumer articles and toys with liquids, for example in double-walled articles, are subject to a purchase ban.	QS	
50013	From 1. May 2009 it is prohibited to put products with a concentration of 0.1mg/kg dimethylfumerat (DMF) into circulation. The material is employed in the prevention of moulds in attached bags (silica gel) and where applicable also in products. In particular for wood, textiles and leatherware.	Entsch 2009/251/EG	Artikel 2, Abs. 1
160070	Articles for daily use must not be placed on the market if they do not conform to stipulated requirements from the regulation (EG) Nr 1935/2004 regarding their manufacture	LFGB	§31 Abs.1
5046	Products may be introduced onto the market only if they do not endanger the safety and health of consumers or damage other objects (products). In addition, for products which are subject to other legal provisions the higher requirements specified must also be fulfilled.	ProdSG	§ 3 (1)
160069	Articles or substances must not be placed on the market as consumer goods if their intended or predictable use is likely to impair health by virtue of their material composition, e.g. through toxic substances or impurities.	LFGB	§30
5047	All products must be clearly marked on the product as follows: 1. with the full address of the manufacturer. 2. with the full address of the importer, if the headquarters of the manufacturer or person authorised by him is not in Germany. 3. with the full address of the dealer, if he has imported the product himself. If a direct product marking is not possible (technically), it can also be attached to the packaging (Exceptions are to be observed). Furthermore, applies to products in the harmonized area (ProdSV and more) supplemental label elements.	ProdSG	§ 6
5048	All products must observe the relevant standards, state of the art and legal provisions of the EU.	ProdSG	§ 4
5351	Products that are not food, but which are due to - their shape, - her smell, - their color, - her appearance, - her presentation, - their marking, - their volume or - her size it is foreseeable that they will be confused with food by consumers, especially children, and therefore be taken to the mouth, sucked or swallowed, which may give rise, in particular, to the risk of suffocation, poisoning, perforation or obstruction of the digestive tract, are forbidden.	LFGB	§ 5, in V. m. § 3, Nr. 10



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req. no.	Statutory requirement	Law	Article
5049	Instructions for use/safety instructions must be included with all technical products and appliances. This applies also to products which may damage other objects when used incorrectly, or may endanger the safety and health of the user.	ProdSG	§ 3 (4)
5050	Instructions for use must inform the user of the following facts: 1. Type of use 2. Assembly 3. Installation 4. Maintenance instructions 5. Warnings, particularly when used for a purpose other than that intended 6. Prevention of maloperation 7. Special instructions for user groups which are exposed to greater danger (children, pregnant women, older people) 8. Full address of the manufacturer or importer 9. Note on safe keeping of the instructions for use 10. Note on legally specified waste disposal.	ProdSG	§ 4 (2) 3. und 4.
5052	The GS sign may be used only if a notified GS testing institute has carried out a test and confirmed this.	ProdSG	§ 20 (1)
5051	The CE marking may be used only if this is subject to the relevant directives and these requirements have also been observed.	ProdSG	§ 7 (1)

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Requirements for products which are affected by REACH

Article No.:

Manufactured item means a product which intentionally releases a substance and acquires at the manufacturing stage a specific form, surface or configuration, which, to a greater extent than its chemical composition, determines its function. As such are accounted e.g. scented candles, textiles releasing scent, perfumed handkerchiefs, Manufactured items are articles, which at the manufacturing stage acquire a specific form, surface or configuration, which to a greater extent than the chemical composition determines their function.

req. no.	Statutory requirement	Law	Article
50833	Methanol (CAS No 67-56-1 EC No 200-659-6) shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.	VO (EG) Nr. 1907/2006	Anhang XVII i.V.m. VO (EU) 2018/589
50395	The requirements of the safety data sheets are to be fulfilled according to RE (EC) 1907/2006 Annex II. Additional information: RE (EC) No. 1907-2006_17-05.pdf VO (EG) Nr. 1907-2006_17-05.pdf	VO (EG) Nr. 1907/2006	Anhang II
50177	For articles you can find the REACH requirements for producers, importers and distributors in the Guideline of the REACH CLP Helpdesk: http://www.reach-clp-biozid-helpdesk.de/en/Homepage.html?sessionId=2AC4AEBE23776D9211A35669BF9C6791.s2t2	VO (EG) Nr. 1907/2006	
5220	For all ready-made articles (products), which intentionally release more than 1 ton of chemical substance the REACH requirements apply and must be adhered to from 1 June 2007 or 1 June 2008 respectively. Additional information: RE (EC) No. 1907-2006_17-05.pdf VO (EG) Nr. 1907-2006_17-05.pdf	VO (EG) Nr. 1907/2006	Art.141
50046	The material limits and prohibitions of Annex XVII, current form in each case are to be observed. https://echa.europa.eu/substances-restricted-under-reach	VO (EG) Nr. 1907/2006	Anhang XVII
5221	The manufacturers are responsible for the adherence to the obligations arising from REACH for all ready-made articles (products) produced in the EU. This also applies to own brands.	VO (EG) Nr. 1907/2006	Art.3 Abs.3,4,7,9,11
5222	Manufacturers within the EU, who come under the REACH obligations will, after registration, make their registration numbers known without being asked. This also applies to private labels.	QS	



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Article No.:

Plastics

Plastics also include fully or partly synthetically manufactured rubbers. Plastic fibres were handled under "Textile Fibres"!

Foamed plastics are for example mattresses, cushions, cold boxes, bicycle saddles, insulating materials.

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req. no.	Statutory requirement	Law	Article
713	<p>It must be ascertained that the limits for dioxins and furans are not exceeded.</p> <p>Limits must be adhered to for the following groups of dioxins and furans:</p> <p>Group 1</p> <ul style="list-style-type: none"> a) 2,3,7,8-Tetrachlorodibenzo-p-dioxin b) 1,2,3,7,8-Pentachlorodibenzo-p-dioxin c) 2,3,7,8-Tetrachlorodibenzofuran d) 2,3,4,7,8-Pentachlorodibenzofuran <p>Group 2</p> <ul style="list-style-type: none"> a) 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin b) 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin c) 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin d) 1,2,3,7,8-Pentachlorodibenzofuran e) 1,2,3,4,7,8-Hexachlorodibenzofuran f) 1,2,3,7,8,9-Hexachlorodibenzofuran g) 1,2,3,6,7,8-Hexachlorodibenzofuran h) 2,3,4,6,7,8-Hexachlorodibenzofuran <p>Group 3</p> <ul style="list-style-type: none"> a) 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin b) 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin c) 1,2,3,4,6,7,8-Heptachlorodibenzofuran d) 1,2,3,4,7,8,9-Heptachlorodibenzofuran e) 1,2,3,4,6,7,8,9-Octachlorodibenzofuran <p>Group 4</p> <ul style="list-style-type: none"> a) 2,3,7,8-Tetrabromodibenzo-p-dioxin b) 1,2,3,7,8-Pentabromodibenzo-p-dioxin c) 2,3,7,8-Tetrabromodibenzofuran d) 2,3,4,7,8-Pentabromodibenzofuram <p>Group 5</p> <ul style="list-style-type: none"> a) 1,2,3,4,7,8-Hexabromodibenzo-p-dioxin b) 1,2,3,7,8,9-Hexabromodibenzo-p-dioxin c) 1,2,3,6,7,8-Hexabromdibenzo-p-dioxin d) 1,2,3,7,8-Pentabromodibenzofuran <p>The following limits must be met:</p> <ul style="list-style-type: none"> 1. 1 µg/kg for the total amounts contained of chemical compounds stated in Group 1 2. 5 µg/kg for the total amounts contained of chemical compounds stated in Group 1 and 2 3. 100 µg/kg for the total amounts contained of chemical compounds stated in Group 1, 2 and 3 4. 1 µg/kg for the total amounts contained of chemical compounds stated in Group 4 5. 5 µg/kg for the total amounts contained of chemical compounds stated in Group 4 and 5 	ChemVerbotsV	§ 3 Anlage 1
S. 7	<p>The limits in Items 2, 3 and 5 are deemed to have been met</p>		

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req. no.	Statutory requirement	Law	Article
50049	Diocetylzin combinations (DOT) are prohibited from 1. January 2012 in products if the substance concentration of DOT exceeds 0.1 per cent weight. The following products are affected: textiles with skin contact; - gloves; - parts of shoes that come into contact with skin; - wall and floor coverings; - baby articles; ladies hygiene products; - nappies/diapers; - packaging; - two-part room temperature vulcanisation form sets (RTV-2- form sets)	VO (EG) Nr. 1907/2006	Anhang XVII
671	Mixtures and articles produced from plastic material as listed above shall not be placed on the market if the concentration of cadmium (expressed as Cd metal) is equal to or greater than 0,01 % by weight of the plastic material. By way of derogation, above restriction shall not apply to articles coloured with mixtures containing cadmium for safety reasons.	VO (EG) Nr. 1907/2006	Anhang XVII
50737	Products of rubber or plastic components (e.g. sport equipment, household utensils, tools, clothing, footwear, wrist-bands), that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, should not contain more than 1.0 mg / kg of one of the listed PAHs: a) Benzo(a)pyren (BaP) b) Benzo(e)pyren (BeP) c) Benzo(a)anthracen (BaA) d) Chrysen (CHR) e) Benzo(b)fluoranthen (BbFA) f) Benzo(j)fluoranthen (BjFA) g) Benzo(k)fluoranthen (BkFA) h) Dibenzo(a,h)anthracen (DBAhA) This shall not apply to articles placed on the market for the first time before 27 December 2015. For these articles the values of BfR and ZEK apply. (The standard EN 16143:2013 (Petroleum products- Determination of content of Benzo (a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils- Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for demonstrating conformity with the limits.) Additional information: CR (EC) 2015-326_test method_15-04 CR (EU) No. 1272_2013 PAHs_13-11.pdf VO (EU) Nr. 1272-2013_16-05 VO(EU) Nr. 2015-326_Prüfverfahren_15-04	VO (EG) Nr. 1907/2006	Anhang XVII Nr. 50

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req. no.	Statutory requirement	Law	Article
50738	<p>Toys, including activity toys, and childcare articles of rubber or plastic components, that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, should not contain more than 0.5 mg / kg of one of the listed PAHs:</p> <p>a) Benzo(a)pyren (BaP) b) Benzo(e)pyren (BeP) c) Benzo(a)anthracen (BaA) d) Chrysen (CHR) e) Benzo(b)fluoranthen (BbFA) f) Benzo(j)fluoranthen (BjFA) g) Benzo(k)fluoranthen (BkFA) h) Dibenzo(a,h)anthracen (DBAha)</p> <p>This shall not apply to articles placed on the market for the first time before 27 December 2015. For these articles the values of BfR and ZEK apply.</p> <p>(The standard EN 16143:2013 (Petroleum products- Determination of content of Benzo (a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils- Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for demonstrating conformity with the limits.)</p> <p>Additional information: CR (EC) 2015-326_test method_15-04 CR (EU) No. 1272_2013 PAHs_13-11.pdf VO (EU) Nr. 1272-2013_16-05 VO(EU) Nr. 2015-326_Prüfverfahren_15-04</p>	VO (EG) Nr. 1907/2006	Anhang XVII Nr. 50
721	<p>Products made of vinyl chloride polymers (e.g. PVC) which are intended to</p> <ul style="list-style-type: none"> - come into contact with food during manufacture, treatment, distribution, or use - come into contact with cosmetics or tobacco products - come into contact with the skin, not just temporarily - come into contact with the mouth - as well as all - toys and joke articles - cleaning and care agents - products for personal hygiene <p>may not contain more than 1 mg monomer vinyl chloride per kg</p>	BedGgstV	§ 6 Abs. 3 iVm Anl.5 Nr. 1
723	<p>Analysis of the Consumer Goods must be done according to the methods laid down in Annex 10 of the regulation concerning consumer goods (BedGgstV).</p> <p>Additional information: Bedarfsgegenständeverordnung_17-05.pdf</p>	BedGgstV	§ 11 + Anlage 10



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req. no.	Statutory requirement	Law	Article
5214	<p>The import and marketing of products and devices containing chlorofluorocarbons, other perhalogenated chlorofluorocarbons, halons, carbontetrachlorides, 1,1,1-trichloroethane, partly halogenated bromofluoride hydrocarbons and chlorobromomethane are prohibited. The following are affected:</p> <ul style="list-style-type: none"> - Aerosol products - Dyes and paints - Cosmetics - Lubricants - Cleaning materials - Pressurised gas containers - Fire extinguishers - Insulation materials - Refrigerators - Air conditioning units - Mattresses - Foam material - Adhesives 	ChemOzonSchi chtV	Art.4
50050	<p>Trisubstituted zinc compounds (e.g. TBT, TPT) with a concentration of more than 0.1 per cent weight in products, not mixtures such as:</p> <ul style="list-style-type: none"> - carpets; - clothing; - wood preservation substances; - leather goods; - PVC-products; - paints and varnishes <p>are prohibited from 1. July 2010</p>	VO (EG) Nr. 1907/2006	Anhang XVII



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req. no.	Statutory requirement	Law	Article
50051	<p>Dibutyl zinc compounds (DBT) with a concentration of more than 0.1 per cent weight are prohibited from 1 January 2012 ,if these are intended for end-users in such products and mixtures as:</p> <ul style="list-style-type: none"> - impregnating sprays; - mattresses; - PVC articles; - polyurethane foam; - textiles, - where applicable other articles and mixtures. <p>The above date does not apply to the following products and mixtures:</p> <ul style="list-style-type: none"> one- and two part room temperature vulcanisation sealing substances and glues (RTV-1 and RTV-2 sealing substances); - paints and coatings containing DBT-compounds as catalysts if these are painted on products; - soft polyvinylchloride (PVC) profiles whether these are extruded with hard PVC or not; material covered with a layer of PVC which contains DBT-compounds as stabilisers, if intended for outdoor use; - outside rainwater piping, guttering and joints as well as roof and exterior wall cladding. <p>The prohibition comes into force on 1. January 2015.</p>	VO (EG) Nr. 1907/2006	Anhang XVII
50349	<p>For the dyes of plastic household use articles, the recommendations of the BfR "IX. Colourings for dyeing plastics and other polymers for articles for household use" are to be adhered to.</p> <p>Additional information: BfR IX Colorants Used in Commodities_11-02 BfR IX Farbmittel zum Einfärben von Bedarfsgegenständen_11-02</p>	BfR-Empfehlung	BfR IX

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Packaging (also wooden packing)

Article No.:

Products produced out of any material to contain, protect, operate, deliver or offer merchandise. Packagings include sales-, re-, and transport packagings (acc. VerpackV).

req. no.	Statutory requirement	Law	Article
5324	<p>Manufacturer and seller (trade with own products) must compile, allow checking and deposit with the competent IHK annually by 1. May for the previous year a declaration of completeness. This depends on the following limits for the amounts of packing place on the market:</p> <ul style="list-style-type: none"> - 80.000 kg glass - or 50.000 kg paper, cardboard or carton - or 30.00 kg of other materials. <p>This obligation is in force from 5.April 2008. This means that the first statement of completeness must be compiled for the period 5. April to 31. december and presented on 1. May 2009</p>	VerpackV	§10, Abs. 1,2,3,4,5
50049	<p>Diocetylzin combinations (DOT) are prohibited from 1. January 2012 in products if the substance concentration of DOT exceeds 0.1 per cent weight. The following products are affected: textiles with skin contact; - gloves; - parts of shoes that come into contact with skin; - walll and floor coverings; - baby articles; ladies hygiene products; - nappies/diapers; - packaging; - two-part room temperature vulcanisation form sets (RTV-2- form sets)</p>	VO (EG) Nr. 1907/2006	Anhang XVII
50491	<p>Whoever manufactures, treats and puts, with a label regarding the treatment, wood packaging according to the international standard for wooden packaging material into circulation, must be registered with the authority responsible and label the wood packaging.</p> <p>Appropriate records must be kept and retained for three years.</p>	PfIBeschauV 1989	§13p und 13q
160069	<p>Articles or substances must not be placed on the market as consumer goods if their intended or predictable use is likely to impair health by virtue of their material composition, e.g. through toxic substances or impurities.</p>	LFGB	§30
5321	<p>From 1. January 2009 the marking of packaging with a licensing mark (e.g. green dot) is not required.</p>	VerpackV	Anhang 1, Nr.3, Abs.2
5320	<p>All packaging which accumulates in private households must be licensed by a Dual System from 1. May 2009.</p>	VerpackV	§6 Abs.1
3051	<p>Plastic bags with an aperture volume larger as 38 cm have to be marked with following bilingual warning label:</p> <p>"Plastiktüte ist kein Spielzeug. Von Kindern fernhalten. Erstickungsgefahr !"</p> <p>"Plastic bag is not a toy. Keep out of reach of children. Danger of suffocation !"</p>	QS	Unternehmensint ern
2655	<p>Packaging must not exceed defined accumulated concentrations of</p> <ul style="list-style-type: none"> - Lead - Cadmium - Mercury - Chromium VI: 100 ppm <p>This applies to transport, re-packaging and sales packaging.</p>	VerpackV	§13

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Packaging for filling goods containing dangerous materials

Article No.:

Packaging for 1. products which are subject to self-service prohibition (products which are to be identified as being toxic, very toxic, corrosive, oxidizing or highly inflammable or products which are to be identified as being harmful, as long as they are to be identified by R 40 (possible risks of irreversible effects), R 62 (possible risk of impaired fertility) or R 63 (possible risk of harm to the unborn child).

req. no.	Statutory requirement	Law	Article
2654	Sales packaging of pollutant-containing filling goods must be taken for disposal separate from the public waste disposal. Consumers are to be informed correspondingly.	VerpackV	§ 3 Abs. 7
2655	Packaging must not exceed defined accumulated concentrations of - Lead - Cadmium - Mercury - Chromium VI: 100 ppm This applies to transport, re-packaging and sales packaging.	VerpackV	§13

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Dangerous substances according to GHS (CLP)

Article No.:

req. no.	Statutory requirement	Law	Article
50084	Producers of dangerous substances must fulfill the requirements of the Regulation (EC) No. 1272/2008. Included herein: - assessment of materials and mixtures ; - documentation which has led to the discovery of the assessment and labelling of the dangerous substances; - safety data sheet; - secure packaging; - labelling of the packaging. Additional information: RE 1272-2008 CLP_17-11.pdf VO 1272-2008 CLP_17-11.pdf	VO (EG) Nr.1272/2008	
50833	Methanol (CAS No 67-56-1 EC No 200-659-6) shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.	VO (EG) Nr. 1907/2006	Anhang XVII i.V.m. VO (EU) 2018/589
50671	Prohibitions and restrictions for persistent organic pollutants are to be observed (POP-Regulation). Additional information: RE (EC) No. 850-2004_17-05.pdf VO (EG) Nr. 850-2004_17-05.pdf	VO (EG) Nr. 850/2004	
933	Packaging of dangerous materials or preparations is to be fitted with child-proof locks if they are classified: - classified for acute toxicity, categories 1 to 3, STOT - single exposure category 1, STOT - repeated exposure category 1, or skin corrosion category 1, and/or contain - more than 3% methanol, and/or - more than 1% dichloromethane, and/or - containing a substance or mixture with an aspiration hazard (with the exception of substances and mixtures placed on the market in the form of aerosols or in a container fitted with a sealed spray attachment).	VO (EG) Nr.1272/2008	Artikel 35 i.V.m. Anh. II
50794	Packaging of dangerous materials or preparations is to be fitted with a tactile warning if they are classified: - for acute toxicity, skin corrosion, germ cell mutagenicity category 2, carcinogenicity category 2, reproductive toxicity category 2, respiratory sensitisation, or Stot, categories 1 and 2, aspiration hazard, or flammable gases, liquids and solids in categories 1 and 2. This provision does not apply to aerosols which are only classified and labelled as 'flammable aerosols, Category 1' or 'flammable aerosols, Category 2'. It does not apply either to transportable gas receptacles.	VO (EG) Nr.1272/2008	Artikel 35 i.V.m. Anh. II



Category: Pyrotechnics

18-05

Author: Träger

Product: Pyrotechnik/Pyrotechnics

Dangerous substances according to GHS (CLP)

Article No.:

req. no.	Statutory requirement	Law	Article
50797	<p>Where a liquid consumer laundry detergent in dosages for single use is contained in a soluble packaging, the following additional provisions shall apply:</p> <ul style="list-style-type: none"> - Liquid consumer laundry detergents contained in soluble packaging for single use shall be contained in an outer packaging. - The outer packaging shall: <ul style="list-style-type: none"> - be opaque or obscure so that it impedes the visibility of the product or individual doses; - without prejudice to the CLP Regulation, bear the precautionary statement P102 "Keep out of reach of children" at a visible place and in a format that attracts attention; - be an easily reclosable, self-standing container; - without prejudice to the requirements of the CLP Regulation (Provisions relating to child-resistant fastenings) , be fitted with a closure that: <ul style="list-style-type: none"> (a) impedes the ability of young children to open the packaging by requiring coordinated action of both hands with a strength that makes it difficult for young children to open it; (b) maintains its functionality under conditions of repeated opening and closing for the entire life span of the outer packaging. <p>The soluble packaging shall:</p> <ul style="list-style-type: none"> - contain an aversive agent in a concentration which is safe, and which elicits oral repulsive behaviour within a maximum time of 6 seconds, in case of accidental oral exposure; - retain its liquid content for at least 30 seconds when the soluble packaging is placed in water at 20 °C; - resist mechanical compressive strength of at least 300 N under standard test conditions. <p>Products (substances, mixtures) classified, labelled and packaged in accordance with Regulation (EC) No 1272/2008 or Directive 1999/45/EC and placed on the market before 1 June 2015 shall not be required to be relabelled and repackaged in accordance with Regulation (EC) No 1272/2008, as amended by this Regulation, until 31 December 2015.</p> <p>Additional information: RE (EU) No. 1297-2014_15-04 VO (EU) Nr. 1297-2014_15-04</p>	<p>VO (EG) Nr.1272/2008</p>	<p>i.V.m. VO (EU) Nr. 1297/2014</p>

Category: Pyrotechnics

18-05

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Dangerous materials

Article No.:

The dangerous materials include all products which are explosive, oxidizing, highly or extremely inflammable, inflammable, very toxic, toxic, harmful, corrosive, irritant, sensitising, cancerogenic, endangering to reproduction, heredity-altering or dangerous for the environment, possess other chronic damaging properties, are explosive or can transfer infectious germs.

req. no.	Statutory requirement	Law	Article
5009	Biocidal products have to be labelled according to the Gefahrstoff-VO [Dangerous Chemicals Ordinance] where dangerous substances are contained.	BiozidGz	§ 15
5134	From 28. July 2005 manufacturers, importers and private labels who place biocidal products on the market, are obliged to register these with the Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (Federal Bureau for Work Safety and Medicine). All substances (products containing such substances) which prior to 14. May 2000 placed already on the market and not yet listed in Annex I/IA of the Directive 98/8/EC are subject to the notification obligation. Rule of thumb: this applies to all products which have to be so marked for advertising purposes.	ChemBiozidMel deV	§ 2
2602	Substances which are carcinogenic, mutagenic or toxic to reproduction must not be placed on the market.	ChemVerbotsV	
2643	Draw attention to dangerous features of materials in the product description.	GefStoffV	
828	It has to be guaranteed, that dangerous substances are marked correctly	GefStoffV	§ 4
850	Suppliers must enclose safety data sheets for dangerous products. In so far as the products are passed on to commercial purchasers, the safety data sheets must be transmitted to the purchasers at the latest with the first delivery.	GefStoffV	§5 (1)
933	Packaging of dangerous materials or preparations is to be fitted with child-proof locks if they are classified: - classified for acute toxicity, categories 1 to 3, STOT - single exposure category 1, STOT - repeated exposure category 1, or skin corrosion category 1, and/or contain - more than 3% methanol, and/or - more than 1% dichloromethane, and/or - containing a substance or mixture with an aspiration hazard (with the exception of substances and mixtures placed on the market in the form of aerosols or in a container fitted with a sealed spray attachment).	VO (EG) Nr.1272/2008	Artikel 35 i.V.m. Anh. II
50671	Prohibitions and restrictions for persistent organic pollutants are to be observed (POP-Regulation). Additional information: RE (EC) No. 850-2004_17-05.pdf VO (EG) Nr. 850-2004_17-05.pdf	VO (EG) Nr. 850/2004	



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req. no.	Statutory requirement	Law	Article
50794	<p>Packaging of dangerous materials or preparations is to be fitted with a tactile warning if they are classified:</p> <p>- for acute toxicity, skin corrosion, germ cell mutagenicity category 2, carcinogenicity category 2, reproductive toxicity category 2, respiratory sensitisation, or Stot, categories 1 and 2, aspiration hazard, or flammable gases, liquids and solids in categories 1 and 2.</p> <p>This provision does not apply to aerosols which are only classified and labelled as 'flammable aerosols, Category 1' or 'flammable aerosols, Category 2'. It does not apply either to transportable gas receptacles.</p>	VO (EG) Nr.1272/2008	Artikel 35 i.V.m. Anh. II



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Preparations

Article No.:

Preparations are e.g.: dyes/paints/lacquers and all products listed under the dangerous substances regulations. These are subject to additional requirements, which arise out of REACH. Not affected by this are:

plant protection products, biocides and medicinal products

req. no.	Statutory requirement	Law	Article
5229	Manufacturers of compounds within the EU, who come under the REACH obligations will, after registration, make their registration numbers known without being asked. This also applies to private labels.	QS	
50046	The material limits and prohibitions of Annex XVII, current form in each case are to be observed. https://echa.europa.eu/substances-restricted-under-reach	VO (EG) Nr. 1907/2006	Anhang XVII
5227	For all mixes the REACH requirements apply and must be adhered to from 1 June 2007 or 1 June 2008 respectively, if more than 1 ton of one constituent substance is imported.	VO (EG) Nr. 1907/2006	Art. 141
5228	The manufacturers are responsible for the adherence to the obligations arising from REACH for all mixes produced in the EU. This also applies to own brands.	VO (EG) Nr. 1907/2006	Art. 3 Abs. 2, 9
5230	Manufacturers of mixes will make available, of their own accord, a safety data sheet and where appropriate further documentation (evaluation of reliability).	VO (EG) Nr. 1907/2006	Art. 31, 32
50395	The requirements of the safety data sheets are to be fulfilled according to RE (EC) 1907/2006 Annex II. Additional information: RE (EC) No. 1907-2006_17-05.pdf VO (EG) Nr. 1907-2006_17-05.pdf	VO (EG) Nr. 1907/2006	Anhang II
50833	Methanol (CAS No 67-56-1 EC No 200-659-6) shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.	VO (EG) Nr. 1907/2006	Anhang XVII i.V.m. VO (EU) 2018/589



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Product: Pyrotechnik/Pyrotechnics

Fire works

Article No.:

req. no.	Statutory requirement	Law	Article
50101	A license for pyrotechnical items and fireworks of the categories: K1, K2,T1, P1 and S1 is not required. This does not apply to category 3.	1. SprengV	§ 4
50102	Pyrotechnic articles (fireworks) must comply with the requirements of Annex I of the 1. SprengV or Directive 2013/29/ EU. Additional information: 1._SprengV_17-11.pdf Dir_2013-29-EU-pyrotechnic articles_17-11.pd RL_2013-29-EU-pyrotechnische Gegenstände_17-11.pdf	1. SprengV	§ 6
50173	For fireworks, a declaration of conformity must be provided and they must bear the CE marking.	SprengG	§ 5
50417	Pyrotechnical articles must fulfil the requirements of the norm sequence DIN EN 15947 - 1,2,3,4,5.	DIN EN 15947-1,2,3,4,5	



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Lighter/Matches

Article No.:

req. no.	Statutory requirement	Law	Article
5093	Child- resistance lighters must fulfil the Norm DIN EN 13869.	DIN EN 13869	
5189	Disposable cigarette lighters must be childproof and fulfil accordingly DIN EN 13869	DIN EN 13869	in Verbindung m FeuerzeugV §3 Abs. (1) i.V mit §6
5188	Disposable cigarette lighters without child safety proofing and cigarette lighters with entertainment effects may no longer be offered or sold from 30 Juli 2008.	FeuerzeugV	§ 3, § 6
5190	The manufacturer or importer must retain on file a test report from an accredited tester for the appropriate models and a sample for the authorities.	FeuerzeugV	§3 Abs.(2) 1.,2. i.V.mit§4
5192	Disposable cigarette lighters without child safety proofing and cigarette lighters with entertainment effects may no longer be (newly) placed on the market from 17 April 2007.	FeuerzeugV	Art 1 (1)+(2)
50684	Matches have to fulfill the requirements of DIN EN 1783.	DIN EN 1783	
50686	Lighters have to fulfill the requirements of DIN EN ISO 9994.	DIN EN ISO 9994	