

BMW X2 (DATE 10/2022)	
The BMW Group is committed to sustainable principles and is therefore taking proactive measures to avoid certain chemicals in the production of our vehicles. Due to that only substances that are technically required in the product are still contained. The substances are incorporated in such a way that potential exposure to the customers is minimised, and danger for humans or the environment can be excluded as long as the vehicle and its parts are used as intended, and any repairs, servicing and maintenance are carried out following technical instructions for those activities, and industry standard good practices. Safe use of the product is described in the owner manual that is consistent with our own commitment to promote the responsible manufacturing, handling and use of our products. Our information on repair and servicing of vehicles and genuine parts also includes safe use information for service personnel. An end-of-life vehicle may only be disposed of legally in the European Union at an Authorised Treatment Facility (ATF). Vehicle parts should be disposed in accordance with locally applicable laws and local authority guidance.	
Communication of information according to Article 33 REACH	
This product is composed of articles defined under Article 3(3) of the Regulation No. 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Any supplier shall comply with the duty to communicate information on substances in articles in accordance to Article 33. This product, including any category that the product is composed of, does contain substances meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w). We inform that lead (CAS-No. 7439-92-1) is used in almost all products categories, primarily as alloying element. Recycled aluminum and metals may contain lead as impurity.	
Name of substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (Typical use according to the REACH Annex XV Dossier)	Location of article containing the substance in the product (Detailed, including optional equipment)
1,2-Dimethoxyethane, ethylene glycol dimethyl ether, EGDME (typically as process solvent and for surface treatment)	Drive Assistance (Radio-controlled locking system) Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
Methyloxirane, propylene oxide (typically for the production of polymers)	Interior (Rear seats)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Chassis (Brake control (Hydraulic system)) Heating and air conditioning (Heater with control, seat heating)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Powertrain (Fuel tank with filler pipe)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Electronic (Cable harness, High voltage charging electronics) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Front seats) Powertrain (Thermostat and engine mounted cooling lines) Powertrain/Chassis (Board equipment)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Electronic (Control units, moduls, High voltage charging electronics) Powertrain (Exhaust pipe with catalyst or complete system, DPF)
4-Nonylphenol, branched and linear, ethoxylated (typically as dispersing agent in coatings, adhesives and paints)	Electronic (High voltage charging electronics) Powertrain (Control Hybrides/E-drive)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Powertrain (Automatic transmission)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Bonnet latch, locks and fittings, Bumper rear, Colours, paints and basic material) Entertainment and Navigation (Loudspeaker and cover) Interior (Aerodynamics body, Front door trim panel with armrests, Instrument panel, Rear door trim panel with armrests, Rear seats, Side trim panel with armrests, Sliding roof) Body (Boot lid latch, locks and fittings, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings) Chassis (Anti-block system, Brake boosters) Communication (Off-hands mobile communication) Drive Assistance (Park assistant, Radio-controlled locking system) Electronic (Control units, moduls, Front lamp cluster, Head-up Display, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Horn, Inner lights, Instrument cluster, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Central display and control unit, Video and tv-sets) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays, Sliding roof) Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Control Hybrides/E-drive, Double clutch transmission, Electronic switching or control devices, Fuel tank with filler pipe, Injection control unit, Injection nozzles and tubing, Preheating relay, Selective catalytic reduction technology, Sensor for injection control unit, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines, Variable valve train, Ventilation, evaporation emission control)
Silicic acid, lead salt (typically for production of glass and ceramics)	Electronic (Control units, moduls) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Heater with control, seat heating) Chassis (Anti-block system) Communication (Off-hands mobile communication) Electronic (Front lamp cluster, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components) Entertainment and Navigation (Airbag-releasing device, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Powertrain (Automatic transmission, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, Manual transmission, Supercharging contrivance with regulation, Variable valve train)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Electronic (Control units, moduls) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Heater with control, seat heating) Chassis (Anti-block system) Communication (Off-hands mobile communication) Electronic (Front lamp cluster, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components) Entertainment and Navigation (Airbag-releasing device, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Powertrain (Automatic transmission, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, Manual transmission, Supercharging contrivance with regulation, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Body (Boot lid latch, locks and fittings) Electronic (Instrument cluster) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Powertrain (Starter with mount)
Decamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Electronic (Auxiliary cable, Potential equalization) Powertrain (Engine cooler with mounting, Oil filter and lines, Thermostat and engine mounted cooling lines) Powertrain/Chassis (Board equipment)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Powertrain (Engine cooler with mounting, Thermostat and engine mounted cooling lines)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Electronic (Auxiliary cable, Front lamp cluster, Potential equalization) Heating and air conditioning (Air conditioner) Powertrain/Chassis (Board equipment)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Boot lid latch, locks and fittings) Chassis (Front axle suspension, Rear wheel brakes) E-Drive (Drive for wiper unit/headlight cleaning unit) Electronic (Potential equalization, Windshield wipers) Powertrain (Ecu box/mounting, Starter with mount)
Nonylphenol (typically as dispersing agent in coatings, adhesives and paints)	Heating and air conditioning (Air and water lines) Powertrain (Automatic transmission)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Communication (Off-hands mobile communication) Electronic (Switch, sensor) Powertrain (Control Hybrides/E-drive, Engine cooler with mounting, Exhaust gas recirculation, Selective catalytic reduction technology, Starter with mount, V-ribbed belt with tensioner and deflection) Powertrain/Chassis (Board equipment)
Terphenyl, hydrogenated (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Powertrain (Control Hybrides/E-drive)
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1.6,9.02.13.05.10]octadeca-7,15 diene, "Dechlorane Plus" (typically as flame retardant)	Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player) Powertrain (Catalyst with suspension, DPF)
Aluminoasilicate Refractory Ceramic Fibres (typically for heat insulation)	Electronic (Instrument cluster)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, UV-528 (typically for production of UV-absorbing polymers and coatings)	Electronic (Instrument cluster)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Interior (Floor, trunk, engine compartment trim, mats, Insulating panel, Sliding roof)
Lead titanium trioxide (typically as constituent of electronic components)	Powertrain (Fuel tank with filler pipe)
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Exhaust controls)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Powertrain (Control Hybrides/E-drive, Thermostat and engine mounted cooling lines)
Disodium octaborate (typically for production of frits and cellulose insulation)	Body (Safety belts)
Lead titanium zirconium oxide (typically as constituent of electronic components)	Electronic (Switch, sensor) Entertainment and Navigation (Airbag-releasing device)
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate, DOTE (typically for production of paints and polymers)	Body (Colours, paints and basic material, Loose car body components) Electronic (Control units, moduls) Powertrain (Coolants lines)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Electronic (Horn)
Dibutylbis(pentane-2,4-dionato-O,O')tin (typically for production of polymers, coating products, adhesives and sealants)	E-Drive (Drive for wiper unit/headlight cleaning unit)
2,3-dibromo-1-propanol, 2,3-DBPA (typically as an intermediate in the manufacture of fine chemicals)	Powertrain (Control Hybrides/E-drive)
S-(Tricyclo(5.2.1.0 <sup>2,6</sup> )deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate (typically used in lubricants)	Powertrain (Vacuum pump)
The information provided in this document related to material and substance content represents our knowledge and belief, which may be based in whole or in part on available information provided by suppliers to us. Additional Information: Certain inorganic oxides are bound in glass or ceramic matrices that change their individual substance properties as well as their communication duties under REACH. Similar changes occur with certain precursors that are bound in polymers.	