

BMW X4 (DATE 11/2024)	
<p>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 guidelines.</p>	
Communication of information according to Article 33 REACH	
<p>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 article 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.</p>	
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)
1,3-Propanesulthione (typically as electrolyte in batteries)	Wheels and tires (Car wheels)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Boot lid latch, locks and fittings, Window mechanism with electrical control in rear door) Electronic (Control units, moduls) Entertainment and Navigation (Anti-theft device) Interior (Front seats) Powertrain (Transfer box)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Chassis (Steering column) Electronic (Cable harness, Control units, moduls, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player, Video and tv-sets) Powertrain (Exhaust gas recirculation, Thermostat and engine mounted cooling lines)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Powertrain (Exhaust pipe with catalyst or complete system, DPF)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Body (Airbags) Communication (Off-hands mobile communication) Electronic (Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player)
Bis(6,6-dimethylbenzyl) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Air guides, Boot lid latch, locks and fittings) Chassis (Brake control (Hydraulic system), Front axle suspension, Pedals, Rear axle differential, Rear wheel brakes, Steering column) Heating and air conditioning (Air conditioner) Powertrain (Coolant pump with drive, Engine suspension, Exhaust gas recirculation, Exhaust pipe with catalyst or complete system, DPF, Exhaust suspension, Expansion tank, Oil pump with strainer and drive, Selective catalytic reduction technology, Starter with mount, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines, Vacuum eumol) Powertrain/Chassis (Board equipment)
Diazene-1,2-dicarbonyl, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell, Colours, paints and basic material, Sealings)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Air guides) Chassis (Anti-block system, Brake boosters, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems, Heading control) Electronic (Control units, moduls, Front lamp cluster, Instrument cluster, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Front seats) Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, Selective catalytic reduction technology, Sensor for injection control unit, 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 (Head-up Display) Body (Air guides) Chassis (Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Electronic (Control units, moduls, Front lamp cluster, Instrument cluster, Switch, sensor) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Coolant pump with drive, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Body (Boot lid latch, locks and fittings) Electronic (Windshield-washer unit) Powertrain (Starter with mount)
Decamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Drive Assistance (Radio-controlled locking system) Powertrain (Oil cooler lines, Oil filter and lines, Supercharging contrivance with regulation) Wheels and tires (Car wheels)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Coolant pump with drive, Exhaust gas recirculation) Wheels and tires (Car wheels)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Boot lid latch, locks and fittings) Chassis (Brake control (Hydraulic system), Front axle suspension, Front wheel brakes) Powertrain (Carbon canister ventilation, Propeller shaft, rear)
N,N-Dimethylacetamide (typically as process solvent in polymer production)	Electronic (Side lamps, reflectors)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Body (Safety belts) Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Heating and air conditioning (Heater with control, seat heating) Powertrain (Selective catalytic reduction technology)
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (typically as plasticizer for production of polymers)	Body (Windshield and rear window)
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Powertrain (Propeller shaft, rear)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Body (Bumper rear, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Self-levelling elements for hydro pneumatic system, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Control units, moduls, Head-up Display, Inner lights, Instrument cluster, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Antenna, Radio, amplifier, CD-player) Heating and air conditioning (Auxiliary heater with control elements) Interior (Front seats, Mirrors, sun visors, ashtrays, trays, Sliding roof) Powertrain (Automatic transmission, Exhaust gas recirculation, Exhaust pipe with catalyst or complete system, DPF, Intake manifold, Sensor for injection control unit, Supercharging contrivance with regulation, Switch and relays)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Heating and air conditioning (Auxiliary heater with control elements)
Melamine (typically used in coatings, inks, resins and polymers)	Electronic (Cable harness) Interior (Front door trim panel with armrests, Mirrors, sun visors, ashtrays, trays) Powertrain (Housing cover) Wheels and tires (Car wheels)
Cobalt(II) sulphate (typically for surface treatment)	Entertainment and Navigation (Video and tv-sets)
Bumetizole (typically as plasticizer for production of polymers and paints)	Body (Loose car body components, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Brake control (Hydraulic system)) Electronic (Auxiliary cable, Plug-connection cable, clamp) Entertainment and Navigation (Central display and control unit)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Exhaust gas recirculation)
2-[2H-benzotriazol-2-yl]-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (Bumper front, Bumper rear) Chassis (Steering column) Communication (Off-hands mobile communication) Electronic (Brake lights, Front lamp cluster, Inner lights, Rear light cluster, Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Heater with control, seat heating, Nozzles, flow-out organs) Interior (Front door trim panel with armrests, Instrument panel, Rear door trim panel with armrests)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Electronic (Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player) Powertrain (Thermostat and engine mounted cooling lines)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraplyme (typically as process solvent)	Electronic (Horn)
Dioctyltin dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Powertrain (Automatic transmission)
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)
<p>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.</p>	