BMW X1 (DATE 11/2024)

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 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, primary 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)	Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
1,3-Propanesultone (typically as electrolyte in batteries)	Electronic (Battery with holder) Wheels and tires (Car wheels)
6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol (typically for production of polymers and rubbers)	Body (Boot lid latch, locks and fittings, Safety belts) Chassis (Front axle suspension) Electronic (Control units, moduls, Inner lights and alternative unified partial groups) Entertainment and Navigation (Anti-theft device) Powertrain (Fuel lines, Ventilation, evaporation emission control)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Electronic (Cable harness, Auxiliary cable, Switch, sensor) Entertainment and Navigation (Antenna) Interieur (Front seats) Powertrain (Coolant pump with drive)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Entertainment and Navigation (Video and tv-sets)
Bis(α,α-dimethylbenzyl) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Air guides, Airbags) Chassis (Steering column, Front wheel brakes, Rear wheel brakes) Electronic (Auxiliary cable, Battery with holder, Front lamp cluster) Heating and air conditioning (Heater with control, seat heating, Air conditioner) Powertrain (Vibration damper, Coolant pump with drive, Thermostat and engine mounted cooling lines, Supercharging contrivance with regulation, Expansion tank) Powertrain/Chassis (Board equipment) Wheels and tires (Car wheels)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bonnet latch, locks and fittings) Chassis (Rear axle suspension) Electronic (Plug-connection cable, clamp, Windshield-washer unit) Entertainment and Navigation (Loudspeaker and cover) Interieur (Instrument panel)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Bonnet latch, locks and fittings) Chassis (Steering column, Rear axle differential, Anti-block system) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Battery with holder, Switch, sensor, Control units, moduls, Head-up Display, Front lamp cluster) Entertainment and Navigation (Antenna, Video and tv-sets, Airbag-releasing device) Heating and air conditioning (Heater with control, seat heating, Air conditioner) Interieur (Mirrors, sun visors, ashtrays, trays) Powertrain (Housing ventilation, Variable valve train, Coolant pump with drive, Thermostat and engine mounted cooling lines, Exhaust gas recirculation, Electronic switching or control devices, Injection nozzles and tubing, Sensor for injection control unit, Intake silencer, Fuel tank with filler pipe, Ventilation, evaporation emission control, Selective catalytic reduction technology, Engine cooler with mounting, Double clutch transmission)
Silicic acid, lead salt (typically for production of glass and ceramics)	Electronic (Head-up Display)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Battery with holder, Front lamp cluster) Entertainment and Navigation (Airbag-releasing device) Heating and air conditioning (Heater with control, seat heating) Interieur (Mirrors, sun visors, ashtrays, trays) Powertrain (Variable valve train, Coolant pump with drive, Thermostat and engine mounted cooling lines, Exhaust gas recirculation, Electronic switching or control devices, Fuel tank with filler pipe, Selective catalytic reduction technology)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Windshield-washer unit)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Auxiliary cable) Powertrain (Housing cover, Injection nozzles and tubing, Double clutch transmission)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Auxiliary cable) Powertrain (Housing cover, Coolant pump with drive, Thermostat and engine mounted cooling lines, Exhaust gas recirculation, Injection nozzles and tubing, Sensor for injection control unit, Carbon canister ventilation, Double clutch transmission)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Bumper rear, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Front axle suspension) E-Drive (Drive for window lifter) Powertrain (Starter with mount, Carbon canister ventilation)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Auxiliary cable) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Powertrain (Housing cover, Injection nozzles and tubing)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Body (Bumper front) Chassis (Anti-block system) Drive Assistance (Heading control) Electronic (Switch, sensor) Entertainment and Navigation (Antenna, Airbag-releasing device) Powertrain (Coolant pump with drive, Supercharging contrivance with regulation, Exhaust gas recirculation, Sensor for injection control unit)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Powertrain (Catalyst with suspension, DPF)
Cobalt(II) sulphate (typically for surface treatment)	Body (Safety belts)
Melamine (typically used in coatings, inks, resins and polymers)	Drive Assistance (Adaptive cruise control) Electronic (Cable harness, Auxiliary cable, Switch, sensor) Interieur (Front seats) Powertrain (Coolant pump with drive, Fuel tank with filler pipe)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Heating and air conditioning (Air and water lines)
Bumetrizole (typically as plasticizer for production of polymers and paints)	Body (Sealings) Chassis (Steering column) Electronic (Auxiliary cable, Plug-connection cable, clamp, Windshield-washer unit, Rear light cluster) Heating and air conditioning (Air conditioner) Powertrain (Housing cover, Injection nozzles and tubing)
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Entertainment and Navigation (Video and tv-sets) Interieur (Mirrors, sun visors, ashtrays, trays)
Cobalt(II) nitrate hexahydrate (typically as additive in magnets for electronic assemblies)	Entertainment and Navigation (Video and tv-sets)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Chassis (Steering column) Drive Assistance (Adaptive cruise control) Electronic (Switch, sensor, Front lamp cluster, Inner lights) Heating and air conditioning (Heater with control, seat heating) Interieur (Mirrors, sun visors, ashtrays, trays, Side trim panel with armrests, Instrument panel, Front seats)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Chassis (Anti-block system) Drive Assistance (Rear view camera) Electronic (Control units, moduls) Interieur (Mirrors, sun visors, ashtrays, trays)
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one (typically as plasticizer for production of polymers and paints)	Powertrain (Starter with mount)

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.