

BMW 1 Series (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 guidance.</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 with 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.</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)	Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Airbags, Boot lid latch, locks and fittings, Safety belts) Electronic (Control units, modules) Entertainment and Navigation (Anti-theft device) Interior (Mirrors, sun visors, ashtrays, trays) 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, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player) Interior (Mirrors, sun visors, ashtrays, trays)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Entertainment and Navigation (Video and tv-sets)
4,4'-isopropylidenediphenol (typically for production of polymers and resins)	Entertainment and Navigation (Radio, amplifier, CD-player)
Bis(α,α-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 (Front wheel brakes, Rear axle differential mounting, Rear wheel brakes, Steering column) Electronic (Windshield wipers) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Powertrain (Coolant pump with drive, Expansion tank, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines, Vibration damper) 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) Entertainment and Navigation (Loudspeaker and cover) Interior (Sliding roof)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Chassis (Anti-block system, Rear axle differential, Steering column) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Control units, modules, DC/DC-converter, Front lamp cluster, Head-up Display, Rear light cluster, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Antenna, Video and tv-sets) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Coolant pump with drive, Double clutch transmission, Electronic switching or control devices, Engine cooler with mounting, Exhaust gas recirculation, Fuel tank with filler pipe, Housing ventilation, Injection nozzles and tubing, Intake silencer, 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)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (DC/DC-converter, Front lamp cluster) Entertainment and Navigation (Airbag-releasing device) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Selective catalytic reduction technology, Thermostat and engine mounted cooling lines, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Windshield-washer unit)
Decamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Body (Airbags) Electronic (Auxiliary cable) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Double clutch transmission, Housing cover, Injection nozzles and tubing)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Body (Airbags) Electronic (Auxiliary cable) Powertrain (Carbon canister ventilation, Coolant pump with drive, Double clutch transmission, Exhaust gas recirculation, Housing cover, Injection nozzles and tubing, Sensor for injection control unit, Thermostat and engine mounted cooling lines)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) E-Drive (Drive for window lifter) Powertrain (Carbon canister ventilation, Starter with mount)
N,N-Dimethylacetamide (typically as process solvent in polymer production)	Entertainment and Navigation (Loudspeaker and cover)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Body (Airbags) Electronic (Auxiliary cable) Entertainment and Navigation (Video and tv-sets) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Housing cover, Injection nozzles and tubing)
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (typically as plasticizer for production of polymers)	Body (Window mechanism with electrical control in front door) Entertainment and Navigation (Loudspeaker and cover)
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Electronic (DC/DC-converter)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Chassis (Anti-block system) Drive Assistance (Heading control) Entertainment and Navigation (Airbag-releasing device, Radio, amplifier, CD-player) Interior (Sliding roof) Powertrain (Coolant pump with drive, Exhaust gas recirculation, Sensor for injection control unit, Supercharging contrivance with regulation)
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)	Body (Loose car body components) Drive Assistance (Adaptive cruise control) Electronic (Cable harness, Switch, sensor) Interior (Front seats)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Interior (Sliding roof)
Bumetrizole (typically as plasticizer for production of polymers and paints)	Body (Sealings) Chassis (Steering column) Electronic (Auxiliary cable, Plug-connection cable, clamp, Rear light cluster) Heating and air conditioning (Nozzles, flow-out organs) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Housing cover, Injection nozzles and tubing)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Fuel tank with filler pipe)
Diphenyl(2,4,6-trimethylbenzyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Entertainment and Navigation (Video and tv-sets)
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)	Body (Bumper rear) Chassis (Steering column) Drive Assistance (Adaptive cruise control) Electronic (Inner lights, Rear light cluster, Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Nozzles, flow-out organs) Interior (Front seats, Instrument panel, Mirrors, sun visors, ashtrays, trays)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Chassis (Anti-block system) Drive Assistance (Rear view camera)
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)
<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>	