BMW 4 Series Gran Coupé (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)	Drive Assistance (Radio-controlled locking system) Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
1,3-Propanesultone (typically as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system)
6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol (typically for production of polymers and rubbers)	Body (Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door, Safety belts, Airbags) Chassis (Steering column, Pressure accumulator and pump unit) Electronic (Control units, moduls) Entertainment and Navigation (Anti-theft device) Interieur (Front seats) Powertrain (Thermostat and engine mounted cooling lines)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Chassis (Rear wheel brakes) Drive Assistance (Radio-controlled locking system, Rear view camera) Electronic (Cable harness, Switch, sensor, Control units, moduls, Front lamp cluster) Entertainment and Navigation (Radio, amplifier, CD-player, Antenna) Powertrain (Coolant pump with drive, Thermostat and engine mounted cooling lines, Exhaust gas recirculation)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Chassis (Rear wheel brakes) Powertrain (Exhaust pipe with catalyst or complete system, DPF)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Communication (Off-hands mobile communication) 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 (Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Steering column, Rear axle with mounting, wheel control, Front wheel brakes, Brake control (Hydraulic system), Brake boosters, Anti-block system, Pedals) Electronic (Windshield wipers) Heating and air conditioning (Auxiliary heater with control elements, Air conditioner) Powertrain (Oil pump with strainer and drive, Coolant pump with drive, Thermostat and engine mounted cooling lines, Supercharging contrivance with regulation, Exhaust gas recirculation, Starter with mount, Selective catalytic reduction technology, Expansion tank, Exhaust suspension, Exhaust pipe with catalyst or complete system, DPF, Engine suspension) Powertrain/Chassis (Board equipment) Wheels and tires (Car wheels)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell) Interieur (Side trim panel with armrests)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Air guides) Chassis (Steering column, Brake boosters, Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Distance warning systems, Adaptive cruise control, Heading control, Rear view camera) Electronic (Switch, sensor, Control units, moduls, Instrument cluster, Head-up Display, Rear light cluster, Brake lights, Inner lights) Entertainment and Navigation (Radio, amplifier, CD-player, Antenna, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating, Auxiliary heater with control elements, Air conditioner) Interieur (Mirrors, sun visors, ashtrays, trays, Front seats) Powertrain (Variable valve train, Coolant pump with drive, Thermostat and engine mounted cooling lines, Exhaust gas recirculation, Electronic switching or control devices, Alternator with drive and mountings, Injection nozzles and tubing, Injection control unit, Sensor for injection control unit, Intake silencer, Carbon canister ventilation, Fuel tank with filler pipe, Ventilation, evaporation emission control, Selective catalytic reduction technology, Automatic transmission)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Body (Air guides) Chassis (Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Radio-controlled locking system, Adaptive cruise control) Electronic (Control units, moduls) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Heater with control, seat heating, Auxiliary heater with control elements, Air conditioner) Interieur (Mirrors, sun visors, ashtrays, trays, Front seats) Powertrain (Variable valve train, Coolant pump with drive, Exhaust gas recirculation, Electronic switching or control devices, Automatic transmission)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Powertrain (Starter with mount)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Body (Window mechanism with electrical control in front door) Drive Assistance (Radio-controlled locking system) Powertrain (Housing cover, Oil filter and lines, Thermostat and engine mounted cooling lines, Alternator with drive and mountings, Starter cable, Transmission wiring harness, Injection nozzles and tubing, Engine cooler with mounting, Oil cooler lines)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Body (Airbags) Chassis (Rear wheel brakes) Electronic (Rear light cluster) Powertrain (Alternator with drive and mountings, Engine cooler with mounting)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Housing cover, Coolant pump with drive, Exhaust gas recirculation, Alternator with drive and mountings, Starter cable, Injection nozzles and tubing, Sensor for injection control unit, Carbon canister ventilation, Engine cooler with mounting)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Chassis (Front axle suspension, Front wheel brakes) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Carbon canister ventilation)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Body (Window mechanism with electrical control in front door) Drive Assistance (Radio-controlled locking system) Heating and air conditioning (Heater with control, seat heating) Powertrain (Housing cover, Alternator with drive and mountings, Starter cable, Transmission wiring harness, Injection nozzles and tubing, Engine cooler with mounting)
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Heating and air conditioning (Air conditioner)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Body (Bumper rear) Chassis (Steering column, Rear axle differential, Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Switch, sensor, Control units, moduls, Inner lights) Entertainment and Navigation (Radio, amplifier, CD-player, Airbag-releasing device) Heating and air conditioning (Auxiliary heater with control elements) Interieur (Front seats) Powertrain (Thermostat and engine mounted cooling lines, Intake manifold, Supercharging contrivance with regulation, Exhaust gas recirculation, Electronic switching or control devices, Switch and relays, Sensor for injection control unit, Automatic transmission)
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)	Chassis (Steering gear) Electronic (Cable harness) Powertrain (Housing cover, Coolant pump with drive)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Heating and air conditioning (Air and water lines) Interieur (Insulating panel) Powertrain (Coolants lines)
Bumetrizole (typically as plasticizer for production of polymers and paints)	Body (Door locks, grab handles and front fittings, Loose car body components, Sealings) Chassis (Brake control (Hydraulic system), Anti-block system) Electronic (Auxiliary cable) Entertainment and Navigation (Central display and control unit) Heating and air conditioning (Nozzles, flow-out organs)
Bis(4-chlorphenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Supercharging contrivance with regulation, Exhaust gas recirculation)
4-Nonylphenol, branched and linear (typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Selective catalytic reduction technology)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (External fittings, Air guides) Chassis (Steering column) Communication (Off-hands mobile communication) Electronic (Switch, sensor, Front lamp cluster, Rear light cluster, Inner lights) Entertainment and Navigation (Radio, amplifier, CD-player, Loudspeaker and cover, Video and tv-sets) Interieur (Instrument panel)
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)	Chassis (Anti-block system) Powertrain (Thermostat and engine mounted cooling lines)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Electronic (Horn)
Dioctyltin dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Powertrain (Automatic transmission)
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one (typically as plasticizer for production of polymers and paints)	Chassis (Front axle suspension) Entertainment and Navigation (Video and tv-sets)
S-(Tricyclo(5.2.1.0'2,6)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.