

BMW 3 Series Sedan (DATE 1/2024)	
<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 optimal exposure and danger to 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. Sale use of the product is described in the owner manual that is consistent with our own commitment to provide 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>	
<p>Communication of Information according to Article 33 REACH</p>	
<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 accordance with Article 33. The 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. 7439-92-3) is used as stabilizer of products containing primary or alloying elements. Recycled aluminium 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 Database)	Location of article containing the substance in the product (Detailed, including optional equipment)
1,3-Dimethylacetamide, ethylene glycol dimethyl ether, EGDM (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)
Methoxyamine, propylene oxide (Typically for the production of polymers)	Interior (Instrument panel)
1,3-Propanesulfonate (Typically as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system) Wheels and tires (Car wheels)
1-Methyl-2-pyrrolidone, NMP (Typically for production of electronic equipment and coatings)	Electronic (High-voltage battery individual components)
5-Ethylbutyl-2,2'-methylene-di-p-cresol (Typically for production of polymers and rubbers)	Body (Airbags, Safety belts) Chassis (Steering column) Electronic (Control units, moduls) Entertainment and Navigation (Anti-theft device) Interior (Front seats) Powertrain (Thermostat and engine mounted cooling lines, Transfer box)
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, Control units, moduls, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player) Powertrain (Coolant pump with drive, Exhaust gas recirculation, Thermostat and engine mounted cooling lines)
3-Methylimidazole (Typically as hardener in epoxy resins and for production of adhesives)	Chassis (Rear wheel brakes) Electronic (High voltage charging electronics) Powertrain (Exhaust pipe with catalyzt or complete system, DPF)
4,4'-Isopropylidenediphenol (Typical for production of polymers and resins)	Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player)
Bis(4-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 (Anti-block system, Brake boosters, Brake control (hydraulic system), Front wheel brakes, Pedals, Rear axle differential, Rear axle differential mounting, Rear wheel brakes, Steering column) Electronic (Control units, moduls, Front lamp cluster, High-voltage battery individual components, Potential equalization, Windshield wipers) Heating and air conditioning (Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Control Hybrides/E-drive, Coolant pump with drive, Engine suspension, Exhaust gas recirculation, Exhaust pipe with catalyzt 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) Powertrain (Chassis (Gear equipment)) Wheels and tires (Car wheels)
Diazene 1,2-dicarbonyl, ADCA (Typically as blowing agent in plastic and rubber manufacturing)	Body (Bolt/nut) Interior (Side trim panel with armrests)
Lead monoxide, lead oxide (Typically as constituent of electronic components)	Body (Air guides) Chassis (Anti-block system, Brake boosters, Steering column) Communication (OF-hands mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems, Heading control, Rear view camera) Electronic (Brake lights, Control units, moduls, Front lamp cluster, Head-up Display, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Inner lights, instrument cluster, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Control Hybrides/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, 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)
Diboron trioxide (Typically for production of borosilicate and crystal glass)	Body (Air guides, Rearview and rear window) Chassis (Anti-block system) Communication (OF-hands mobile communication) Drive Assistance (Adaptive cruise control, Radio-controlled locking system) Electronic (Brake lights, Control units, moduls, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Air conditioner) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Control Hybrides/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Variable valve train)
Baric 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)	Chassis (Brake boosters) Communication (OF-hands mobile communication) Drive Assistance (Radio-controlled locking system) Electronic (High-voltage battery individual components) Powertrain (Alternator with drive and mountings, Engine cooler with mounting, Housing cover, Injection nozzles and tubing, Oil cooler lines, Oil filter and lines, Starter cable, Thermostat and engine mounted cooling lines, Transmission wiring harness)
Dicyclohexyl phthalate (Typically as plasticizer for production of polymers)	Chassis (Rear wheel brakes) Powertrain (Alternator with drive and mountings, Engine cooler with mounting)
Dodecamethylcyclohexasiloxane (Typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Electronic (High-voltage battery individual components) Powertrain (Alternator with drive and mountings, Carbon canister ventilation, Coolant pump with drive, Engine cooler with mounting, Exhaust gas recirculation, Housing cover, Injection nozzles and tubing, Sensor for injection control unit, Starter cable)
Isododecane-2-thione (Typically for production of polymers and rubbers)	Chassis (Front axle suspension, Front wheel brakes)
Nonylphenol (Typically as dispersing agent in coatings, adhesives and paints)	Body (Windshield and rear window)
Octamethylcyclotrisiloxane (Typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters, Rear axle suspension) Drive Assistance (Radio-controlled locking system) Electronic (High voltage charging electronics, High-voltage battery individual components) Powertrain (Alternator with drive and mountings, Control Hybrides/E-drive, Engine cooler with mounting, Housing cover, Injection nozzles and tubing, Starter cable, Starter with mount, Transmission wiring harness)
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (Typical for production of adhesives and coatings)	Heating and air conditioning (Air conditioner)
1,6,7,8,14,16,17,17,18,18-Dodecaazabicyclo[2.2.1]hept-2-ene, "Decalorane Plus"™ (Typically as flame retardant)	Electronic (High voltage charging electronics)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (Typically as flame retardant and as additive in plastics and resins)	Body (Bumper rear, Window mechanism with electrical control in front door) Chassis (Anti-block system, Rear axle differential, Steering column) Drive Assistance (Adaptive cruise control) Electronic (Control units, moduls, DDCV-converter, High-voltage accumulator system, High-voltage battery individual components, Inner lights, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Radio, amplifier, CD-player) Heating and air conditioning (Auxiliary heater with control elements) Interior (Front seats) Powertrain (Automatic transmission, Electronic switching or control devices, Exhaust gas recirculation, Intake manifold, Sensor for injection control unit, Supercharging contrivance with regulation, Switch and relays, Thermostat and engine mounted cooling lines)
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)	Body (Safety belts) Chassis (Steering gear) Communication (OF-hands mobile communication) Electronic (Cable harness, High voltage charging electronics) Interior (Front door trim panel with armrests) Powertrain (Coolant pump with drive, Housing cover)
Alkanes, C16-17, chloor (Typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Body (Window mechanism with electrical control in rear door)
Medium-chain chlorinated paraffins (Typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Powertrain (Coolant lines)
Bumetizone (Typically as plasticizer for production of polymers and paints)	Body (Bumper rear, Loose car body components, Sealsings, Window mechanism with electrical control in rear door) Chassis (Anti-block system, Brake control (hydraulic system)) Electronic (Auxiliary cables) Entertainment and Navigation (Central display and control unit) Heating and air conditioning (Heaters, flow-out organs) Interior (Front door trim panel with armrests, Rear door trim panel with armrests, Trim panel trunk lid/fatgate) Powertrain (Fuel lines)
Bis(4-chlorophenyl)sulfone (Typically for production of polymers and rubbers)	Powertrain (Exhaust gas recirculation, Supercharging contrivance with regulation)
Cobalt(II) nitrate hexahydrate (Typically as additive in magnets for electronic assemblies)	Body (Safety belts)
4-Nonylphenol, branched and linear (Typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Selective catalytic reduction technology)
2-(2-hydroxyethyl)-2-yl-4-(1,1,3,3-tetrahydrobutyl)phenol (Typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (External fittings) Chassis (Steering column) Communication (OF-hands mobile communication) Electronic (Front lamp cluster, Inner lights, Switch, sensor) Entertainment and Navigation (Loudspeaker and cover, Radio, amplifier, CD-player, Video and tv-sets) Interior (Instrument panel)
4-(1,1,3,3-tetrahydrobutyl)phenol, ethoxyfated (Typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Exhaust controls)
2-benzyl-2-dimethylamino-4-morpholinobutylpropanone (Typically for adhesives, sealants, coatings and inks)	Chassis (Anti-block system) Communication (OF-hands mobile communication) Powertrain (Thermostat and engine mounted cooling lines)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (Typically as process solvent)	Body (Bolt fit latch, locks and fittings) Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Electronic (Horn)
Dicyltrim silarsulfate (Typically for production of polymers, coating products, adhesives and sealants)	Powertrain (Automatic transmission)
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (Typically as flame retardant in polypropylene)	Communication (OF-hands mobile communication)
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-(4-morpholin-4-yl)phenylbutan-1-one (Typically as plasticizer for production of polymers and paints)	Entertainment and Navigation (Video and tv-sets) Powertrain (Starter with mount)
5-Tricyclo[5.2.1.0,2,5]hept-3-en-8-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 data under REACH. Similar changes occur with certain pigments that are bound in polymers.</p>	