

BMW 3 Series Sedan (DATE 02/2022)	
<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 service 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 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.</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-Propanediol (typically as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system) Wheels and tires (Car wheels)
1,6,7,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1.6.9.0.2.13.05.10]octadeca-7,13-diene, "Dechlorane Plus"™ (typically as flame retardant)	Electronic (High voltage charging electronics, Switch, sensor) Powertrain (Engine cooler with mounting)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, UV-328 (typically for production of UV-absorbing polymers and coatings)	Body (Bonnet latch, locks and fittings, Loose car body components) Chassis (Rear axle with mounting, wheel control) Electronic (Head-up Display, Instrument cluster) Interior (Floor, trunk, engine compartment trim, mats, Front seats)
2-benzyloxy-2-dimethylamino-4-morpholinobutylprophenone (typically for adhesives, sealants, coatings and inks)	Entertainment and Navigation (Radio, amplifier, CD-player)
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate, DOTE (typically for production of paints and polymers)	Body (Colours, paints and basic material, Loose car body components) Electronic (Control units, moduls, Windshield-washer unit)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Drive Assistance (Radio-controlled locking system, Rear view camera) Electronic (Control units, moduls, Front lamp cluster, High voltage charging electronics, Switch, sensor) Entertainment and Navigation (Antenna) Interior (Mirrors, sun visors, ashtrays, trays)
2-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 catalyst or complete system, DPF)
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Exhaust controls)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Body (Airbags) Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player)
6,6'-Di-tert-butyl-2,2'-methylenebis(p-cresol) (typically for production of polymers and rubbers)	Body (Airbags, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings)
Alkoxes, C14-17, chloro (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Body (Window mechanism with electrical control in rear door)
Aluminoisilicate Refractory Ceramic Fibres (typically for heat insulation)	Heating and air conditioning (Auxiliary heater with control elements) Interior (Mirrors, sun visors, ashtrays, trays)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Body (Boot lid latch, locks and fittings) Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Electronic (Head-up Display, Horn)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Body (Boot lid latch, locks and fittings) Electronic (Head-up Display) Entertainment and Navigation (Video and tv-sets) Powertrain (Starter with mount)
Cobalt(II) nitrate hexahydrate (typically as additive in magnets for electronic assemblies)	Body (Safety belts)
Cobalt(II) sulphate (typically for surface treatment)	Communication (Off-hands mobile communication)
Cyclohexane-1,2-dicarboxylic anhydride (typically for production of resins and polymers)	Powertrain (Alternator with drive and mountings)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Communication (Off-hands mobile communication) Drive Assistance (Radio-controlled locking system) Electronic (High voltage charging electronics) Powertrain (Engine cooler with mounting, Injection nozzles and tubing, Oil cooler lines, Oil filter and lines, Oil pressure, -temperature, oil level indicator, Sensor for injection control unit, Thermostat and engine mounted cooling lines) 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, Bonnet latch, locks and fittings, Bumper rear, Colours, paints and basic material, Door locks, grab handles and front fittings, Loose car body components, Safety belts) Drive Assistance (Time-to-line crossing external camera) Electronic (Control units, moduls, Plug-connection cable, clamp, Power distribution box, Jumper cable supports) Entertainment and Navigation (Loudspeaker and cover) Interior (Floor, trunk, engine compartment trim, mats, Front door trim panel with armrests, Instrument panel, Insulating panel, Rear door trim panel with armrests, Rear seats, Side trim panel with armrests) Body (Air guides, Body trim, Windshield and rear window) Chassis (Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems, Night Vision, Radio-controlled locking system, Time-to-line crossing external camera)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Electronic (Battery with holder, Brake lights, Control units, moduls, Fog lamps, additional lamps, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Instrument cluster, Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Air conditioner) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Control Hybrides/E-drive, Coolant pump with drive, Injection control unit, Supercharging contrivance with regulation, Variable valve train)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Chassis (Rear wheel brakes) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Engine cooler with mounting)
Diocetyl dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Powertrain (Automatic transmission)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (High voltage charging electronics) Powertrain (Coolant pump with drive, Exhaust gas recirculation) Powertrain/Chassis (Board equipment) Wheels and tires (Car wheels)
Hexahydro-4-methylphthalic anhydride (typically for production of resins and polymers)	Powertrain (Alternator with drive and mountings)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Boot lid latch, locks and fittings) Chassis (Front axle suspension, Front wheel brakes, Steering gear) Powertrain (Ecu box/mounting, Starter with mount)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Air guides, Body trim, Window mechanism with electrical control in rear door, Window mechanism with electrical control in rear door) Chassis (Anti-block system, Brake boosters, Lateral moment distribution rear axle, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems, Heading control, Rear view camera, Time-to-line crossing external camera) Electronic (Battery with holder, Brake lights, Control units, moduls, Fog lamps, additional lamps, Front lamp cluster, Head-up Display, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Horn, Inner lights, Instrument cluster, Switch, sensor) Entertainment and Navigation (Antenna, Central display and control unit, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements, Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Alternator with drive and mountings, Automatic transmission, Control Hybrides/E-drive, Coolant pump with drive, Electronic switching or control devices, Fuel tank with filler pipe, Injection control unit, Injection nozzles and tubing, Selective catalytic reduction technology, Sensor for injection control unit, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines, Variable valve train) Powertrain (Delivery, preparation and content measurement, control units, fuel pump)
Lead titanium trioxide (typically as constituent of electronic components)	Electronic (Switch, sensor)
Lead titanium zirconium oxide (typically as constituent of electronic components)	Electronic (Switch, sensor)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Powertrain (Coolants lines)
Methoxyirane, propylene oxide (typically for the production of polymers)	Interior (Instrument panel)
Nonylphenol (typically as dispersing agent in coatings, adhesives and paints)	Body (Windshield and rear window) Chassis (Pedals) Powertrain (Automatic transmission)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Accelerator foot control, Front axle suspension, Rear axle suspension) Drive Assistance (Radio-controlled locking system) Electronic (Front lamp cluster) Heating and air conditioning (Heater with control, seat heating) Powertrain (Control Hybrides/E-drive, Engine cooler with mounting, Selective catalytic reduction technology) Powertrain/Chassis (Board equipment)
Potassium 1,1,2,2,3,3,4,4,4-nonfluorobutane-1-sulfonate (typically as flame retardant in polycarbonates)	Communication (Off-hands mobile communication)
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)
Silicic acid, lead salt (typically for production of glass and ceramics)	Electronic (Head-up Display) Entertainment and Navigation (Radio, amplifier, CD-player)
Tri(4-nonylphenyl), branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Chassis (Pedals)
Triethyl phosphite (typically as flame retardant in polymers)	Interior (Mirrors, sun visors, ashtrays, trays)

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.