

**BMW 3 Series Sedan (DATE 10/2022)**

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 customer is minimized, 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 least (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) <b>Wheels and tires (Car wheels)</b>
Methoxypropane, propylene oxide (typically for the production of polymers)	Interior (Instrument panel)
1,3-Propanesulfone (typically as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system) <b>Wheels and tires (Car wheels)</b>
5,6-Di-tert-butyl-2,2-methylenedi-p-cresol (typically for production of polymers and rubbers)	Body (Airbags)
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 (Cable harness, Control units, moduls, High voltage charging electronics, Switch, sensor) Entertainment and Navigation (Antenna) <b>Powertrain (Thermostat and engine mounted cooling lines)</b>
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Chassis (Rear wheel brakes) Electronic (High voltage charging electronics) <b>Powertrain (Exhaust pipe with catalyst or complete system, DPF)</b>
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Body (Airbags) Electronic (High voltage charging electronics) <b>Entertainment and Navigation (Radio, amplifier, CD-player)</b>
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell, Colours, paints and basic material) Drive Assistance (Time-to-line crossing external camera) Interior (Rear seats, Side trim panel with armrests)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Air guides, Body trim, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Anti-block system, Brake boosters, Lateral moment distribution rear axle, Self-levelling elements for hydro-pneumatic system electrical components, 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, 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, Fuel tank with filler pipe, Housing ventilation, Injection control unit, Injection nozzles and tubing, Intake silencer, Selective catalytic reduction technology, Sensor for injection control unit, Supercharging contrivance with regulation, 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) Entertainment and Navigation (Radio, amplifier, CD-player)
Diboron trioxide (typically for production of borosilicate and crystal glass)	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) 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)
Boric acid (typically for production of glass and ceramics and as flame retardant)	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, Fuel tank with filler pipe, Housing ventilation, Injection control unit, Injection nozzles and tubing, Intake silencer, Selective catalytic reduction technology, Sensor for injection control unit, Supercharging contrivance with regulation, Transfer box, Variable valve train)
Decamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Body (Boot lid latch, locks and fittings) Electronic (Head-up Display) Entertainment and Navigation (Video and tv-sets) <b>Powertrain (Starter with mount)</b>
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Chassis (Brake boosters) Communication (Off-hands mobile communication) Drive Assistance (Radio-controlled locking system) <b>Powertrain (Engine cooler with mounting, Oil cooler lines, Thermostat and engine mounted cooling lines)</b>
Dodecamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Powertrain/Chassis (Board equipment) <b>Wheels and tires (Car wheels)</b>
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Chassis (Rear wheel brakes) <b>Powertrain (Engine cooler with mounting)</b>
Nonylphenol (typically as dispersing agent in coatings, adhesives and paints)	Chassis (Brake boosters) Powertrain (Coolant pump with drive, Exhaust gas recirculation) Powertrain (Control Hybrides-E-drive, Coolant pump with drive, Housing ventilation, Injection control unit, Manual transmission, Supercharging contrivance with regulation, Transfer box, Variable valve train) <b>Wheels and tires (Car wheels)</b>
Octamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Body (Boot lid latch, locks and fittings) Chassis (Front axle suspension, Front wheel brakes, Rear axle suspension) <b>Powertrain (Ecu box/mounting, Starter with mount)</b>
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Body (Windshield and rear window) Chassis (Pedals) <b>Powertrain (Automatic transmission)</b>
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.0.2.13.05.10]jactadeca-7,15-diene, "Dachlorane Plus"™ (typically as flame retardant)	Chassis (Accelerator foot control, Brake boosters, Front axle suspension, Rear axle suspension) Drive Assistance (Radio-controlled locking system) Heating and air conditioning (Heater with control, seat heating) Powertrain (Control Hybrides-E-drive, Engine cooler with mounting, Selective catalytic reduction technology, Starter with mount) <b>Powertrain/Chassis (Board equipment)</b>
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Chassis (Pedals)
2-(2H-benzotriazol-2-yl)-4,6-dimethylphenol, UV-328 (typically for production of UV-absorbing polymers and coatings)	Electronic (High voltage charging electronics, Switch, sensor)
Alkanes, C14-17, chloro (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Heating and air conditioning (Auxiliary heater with control elements) Interior (Mirrors, sun visors, ashtrays, trays)
Cobalt(II) sulphate (typically for surface treatment)	Electronic (Head-up Display, Instrument cluster)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Body (Window mechanism with electrical control in rear door)
Lead titanium trioxide (typically as constituent of electronic components)	Communication (Off-hands mobile communication)
Cobalt(II) nitrate hexahydrate (typically as additive in magnets for electronic assemblies)	Powertrain (Coolants lines)
4-Nonylphenol, branched and linear (typically as dispersing agent in coatings, adhesives and paints)	Drive Assistance (Adaptive cruise control)
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (typically as dispersing agent in coatings, adhesives and paints)	Body (Safety belts)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Powertrain (Selective catalytic reduction technology)
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate, DOTE (typically for production of paints and polymers)	Powertrain (Exhaust controls)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Chassis (Anti-block system) Electronic (Instrument cluster, Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player) <b>Powertrain (Thermostat and engine mounted cooling lines)</b>
Hexahydro-4-methylphthalic anhydride (typically for production of resins and polymers)	Body (Colours, paints and basic material) Electronic (Control units, moduls, Windshield-washer unit)
Dioctyltin dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Body (Boot lid latch, locks and fittings) Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Electronic (Horn)
Potassium 1,1,2,2,3,3,4,4-nonafluorobutane-1-sulfonate (typically as flame retardant in polycarbonate)	Powertrain (Automatic transmission)
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.