

BMW 3 Series Sedan (DAE 03/2024)	
<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 utilized. The substances are incorporated in such a way that potential exposure to the customer is minimized, and repair for humans or the environment can be excluded as long as the vehicle and its parts are used as intended, and any repair, 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 provided with our new commitment to promote the responsible use of our products. Our information on repair and servicing of vehicles and genuine parts includes safe use information for service personnel. As end-of-life vehicles may only be disposed of legally in the European Union under an Authorised Treatment Facility (ATF), vehicle parts should be disposed in accordance with locally applicable laws and local authority guidance.</p>	
<p>Communication of information according to Article 33 REACH</p>	
<p>This product is comprised of articles defined under Article 3(1) of the Regulation (EU) 1907/2006 of the European Parliament and the Council concerning the Regulation, 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 37 and identified in accordance with Annex XVII as a concernation above 0.1% weight by weight (w/w). We inform that used (CAS no.: 7429-90-2) is used in almost all products categories, primary in following elements: Recycled aluminium and metals may contain lead as impurity.</p>	
Name of substance meeting the criteria in Article 37 and identified in accordance with Article 33(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)	Wheels and tires (Car wheels)
1-Methyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Body (Windshield and rear window) Entertainment and Navigation (Antenna)
6,6'-Di-tert-butyl-2,2'-methylenebis[4-oxo-1,4-dihydroquinoline] (typically for production of polymers and rubbers)	Powertrain (Fuel tank with filler pipe) Body (Boot lid latch, locks and fittings, Safety belts) Chassis (Anti-Block system, Front axle suspension, Self-steering elements for hydroassistive system, Steering column) Electronic (Battery with holder, Control units, moduls) Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays)
2-Methyl-1-(4-methylphenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fibers)	Powertrain (Delivery, preparation and content measurement, control units, fuel pump, Electronic switching or control devices, Fuel lines) Powertrain/Chassis (Stickers)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Body (Boot lid latch, locks and fittings, External fittings) Electronic (Auxiliary cable, Cable harness, Switch, sensor) Entertainment and Navigation (Antenna, Central display and control unit, Radio, amplifier, CD-player) Electronic (Battery with holder) Entertainment and Navigation (Anti-theft device)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	heating and air conditioning (Auxiliary heater with control elements) Chassis (Anti-Block system) Drive Assistance (Rear view camera) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements) Powertrain (Vibration damper)
Bis(oxo-dimethylamino) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Air guides) Chassis (Brake control (hydraulic system), Front wheel brakes, Pressure accumulator and pump unit, Rear axle differential mounting, Steering column) Electronic (Battery with holder, Front lamp cluster, Windshield wipers) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements, Nozzles, flow-out organs) Powertrain (Automatic transmission, Coolant pump with drive, Engine cooler with mounting, Exhaust suspension, Expansion tank, Housing ventilation, Oil cooler lines, Selective catalytic reduction technology, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines, Vibration damper) Powertrain/Chassis (Board equipment)
Diazene-1,2-dicarboximid, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Wheels and tires (Car wheels) Body (Roofpanel, Boot lid latch, locks and fittings) Chassis (Steering column) Electronic (Control units, moduls, Power distribution box, Jumper cable support) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Heater with control, seat heating) Interior (Front door trim panel with armrests, Rear door trim panel with armrest)
Silicic acid, lead salt (typically for production of glass and ceramics)	Chassis (Anti-Block system)
Dioboron fluoride (typically for production of borosilicate and crystal glass)	Communication (Off-hands mobile communication) Body (Windshield and rear window) Communication (Off-hands mobile communication) Electronic (Head-up Display, Rear light cluster) Entertainment and Navigation (Airbag-releasing device, Video and tv-sets) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Coolant pump with drive, Electronic switching or control devices, Selective catalytic reduction technology, Transfer box)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Chassis (Front axle suspension, Rear axle with mounting, wheel control) Electronic (Prestat separator) Powertrain (Camshaft adjustment, Coolant pump with drive, Starter with armature)
Decamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Anti-Block system) Electronic (Auxiliary cable, Control units, moduls) Heating and air conditioning (Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Powertrain (Alternator with drive and mountings, Engine wiring harness, Exhaust controls, Housing cover, Injection nozzles and tubing, Oil pressure, temperature, oil level indicator, Transmission wiring harness)
Dodecylmethylsiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Alternator with drive and mountings) Chassis (Anti-Block system, Steering column) Electronic (Control units, moduls) Heating and air conditioning (Air conditioner) Powertrain (Alternator with drive and mountings, Carbon canister ventilation, Coolant pump with drive, Exhaust gas recirculation, Housing cover, Injection nozzles and tubing, Sensor for injection control unit) Body (Bumper rear)
Hexadecylamine-2-thione (typically for production of polymers and rubbers)	Chassis (Front axle suspension) Communication (Off-hands mobile communication) Heating and air conditioning (Auxiliary heater with control elements, Heater with control, seat heating) Powertrain (Selective catalytic reduction technology)
N,N-Dimethylacetamide (typically as process solvent in polymer production)	Interior (Front seats)
Nonylphenol (typically as dispersing agent in coatings, adhesives and sealants)	Body (Windshield and rear window)
Octamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Body (Airbags, Boot lid latch, locks and fittings) Electronic (Auxiliary cable) Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Alternator with drive and mountings, Coolant pump with drive, Engine wiring harness, Housing cover, Injection nozzles and tubing, Transmission wiring harness) Chassis (Anti-Block system electrical components, Electrical components rear indicator) Electronic (Cable harness) Entertainment and Navigation (Video and tv-sets) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Fuel tank with filler pipe, Housing cover)
Tri[4-(nonylphenyl) branched and linear] phosphite, TRNP (typically for production of polymers and rubbers)	Chassis (Front wheel brakes)
1,1'-[Ethane-1,5-diylbis[diisobutylmethane]] (typically as dispersing agent in coatings, adhesives, sealants, fillers)	Body (Airbags, Bumper rear, Side trim panel with electrical control in rear door) Chassis (Active rear axle kinematic, Steering gear) Electronic (Auxiliary cable, Battery with holder, Cable harness, Front lamp cluster, Head-up Display, Rear light cluster, Windshield-washer unit, Coolant pump and cover, Video and tv-sets) Entertainment and Navigation (Antenna, Central display and control unit, Coolant pump and cover, Video and tv-sets) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements, Heater with control, seat heating, Nozzles, flow-out organs) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Coolant pump with drive, Coolant lines, Engine wiring harness, Exhaust controls, Housing ventilation, Injection nozzles and tubing, Selective catalytic reduction technology, Thermostat and engine mounted cooling lines, Transmission wiring harness) Powertrain/Chassis (Stickers)
Alumino-silicate Refractory Ceramic Fibres (typically for heat insulation)	Drive Assistance (Adaptive cruise control) Electronic (Brake lights, Front lamp cluster, Head-up Display) Entertainment and Navigation (Airbag-releasing device, Radio, amplifier, CD player, Video and tv-sets) Heating and air conditioning (Auxiliary heater with control elements) Interior (Front seats, Mirrors, sun visors, ashtrays, trays)
Melamine (typically used in coatings, inks, resins and polymers)	Powertrain (Automatic transmission, Coolant pump with drive, Exhaust gas recirculation, Injection control unit, Selective catalytic reduction technology, Sensor for injection control unit, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines) Powertrain (Catalyst with suspension, DPF)
2,2',4,4'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Body (Boot lid latch, locks and fittings) Electronic (Auxiliary cable, Cable harness, Switch, sensor) Entertainment and Navigation (Central display and control unit)
Alumino-silicate Refractory Ceramic Fibres (typically for heat insulation)	Powertrain (Fuel tank with filler pipe)
Diethyl-2,4,6-trimethylbenzoylphosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Body (Air guides, Bumper rear, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Brake control (hydraulic system), Pressure accumulator and pump unit) Communication (Off-hands mobile communication) E-Drive (Drive for window filter) Electronic (Auxiliary cable, Front lamp cluster, Switch, sensor) Heating and air conditioning (Air conditioner, Nozzles, flow-out organs) Interior (Mirrors, sun visors, ashtrays, trays, Side trim panel with armrest, Sliding roof) Powertrain (Ecu bootmounting)
2,2,4,4-tetrafluoro-1,3-bis[4-(2-methylphenyl)phenyl]ethane (Bisphenol A), (typically used for formulation and production of polymers & polymer processing)	Powertrain (Automatic transmission, Fuel tank with filler pipe, brake manifold, Supercharging contrivance with regulation, Throttle valve and control, Transmission housing mechanical attaching parts)
Diisobutylphthalate (typically for production of polymers and rubbers)	Powertrain (Supercharging contrivance with regulation)
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Chassis (Anti-Block system) Electronic (Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player) Powertrain (Coolant pump with drive and control system, DPF)
Tri[2-methoxyethoxy]ethylene (typically for production of polymers and rubbers)	Heating and air conditioning (Heater with control, seat heating)
2,2,4,4-tetrafluoro-1,3-bis[4-(2-methylphenyl)phenyl]ethane (Bisphenol A), (typically used for formulation and production of polymers & polymer processing)	Body (Air guides, Badges, stickers, adhesive foil, External fittings) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Brake lights, Control units, moduls, Front lamp cluster, Inner lights, Switch, sensor) Entertainment and Navigation (Central display and control unit, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Nozzles, flow-out organs) Interior (Front seats, Side trim panel with armrests)
2-phenyl-2-dimethylamino-4-morpholinopropanone (typically for adhesives, sealants, coatings and inks)	Entertainment and Navigation (Radio, amplifier, CD-player) Interior (Mirrors, sun visors, ashtrays, trays)
Bis[2-(2-methoxyethoxy)ethyl]ether, tetraglyme (typically as process solvent)	Electronic (Horn) Interior (Instrument panel)
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (typically as flame retardant in polypropylene)	Entertainment and Navigation (Antenna)
2-(dimethylamino)-2-[4-(2-methylphenyl)methyl]-1,3-dioxane-4-ylidene]propan-1-one (typically as plasticizer for production of polymer and paints)	Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Air and water lines) Powertrain (Coolant lines, Starter with gear)

The information provided in this document relates to materialized substance content represents our knowledge and belief, which may be based in whole or in part on possible information provided to suppliers etc.
Additional information: Certain inorganic oxides are bound in glass or ceramic matrices that change their individual substance properties as well as their communication rules under REACH. Similar changes occur with certain precursors that are bound in polymers.