

BMW Série 3 Berline (DATE 17/2024)	
<p>Le présent document comprend des informations sur les matériaux et le contenu des substances qui sont fournies en plus de celles indiquées dans le présent document. Les substances sont classées dans les matériaux et les produits finis en fonction de leur utilisation prévue. Ce document est destiné à être utilisé par les clients professionnels et les fournisseurs de pièces détachées. Les substances sont classées dans les matériaux et les produits finis en fonction de leur utilisation prévue. Ce document est destiné à être utilisé par les clients professionnels et les fournisseurs de pièces détachées.</p> <p>Information complémentaire: Certains ondes électromagnétiques sont liés aux structures de verre ou de céramique qui modifient les propriétés individuelles de leurs substances ainsi que l'obligation de déclaration dans le cadre de REACH. Une consultation préalable peut être effectuée pour les substances qui sont liées au polymère.</p>	
<p>Mise à disposition d'informations en vertu de l'article 33 du règlement REACH</p>	
<p>Le présent véhicule est composé de produits qui sont définis par l'article 3(9) du Règlement 1907/2006 du Parlement européen et du Conseil concernant l'enregistrement, l'évaluation et l'autorisation des substances chimiques ainsi que les restrictions applicables à ces substances (REACH). En vertu de l'article 33, chaque fournisseur est tenu de mettre à disposition des informations sur les substances se trouvant dans les produits. Le présent véhicule y compris tous les produits qui le composent, renferme des substances qui répondent aux critères de l'article 37 et ont été identifiées en une concentration supérieure à 0,1 % du poids au vu de l'article 39(3). Nous vous informons également que du matériel (numéro CAS 7570-82-1) est utilisé dans presque tous les catégories de produits, principalement sous forme de composant d'alliage. Cette substance peut aussi être présente comme composant dans des matériaux multimatériaux recyclés.</p>	
Name of substance meeting the criteria in Article 37 and identified in accordance with Article 39(1) in a concentration above 0,1% weight by weight (Typical uses according to the REACH Annex XV Dossier)	Location of article containing the substance in the product (Detailed, including optional equipment)
1,2-Diméthoxyéthane, éthylène glycol diméthyl éther, 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)
Méthylméthacrylate, propylène glycol diméthyl éther (Typically for the production of polymers)	Wheels (Instrument panel)
1,2-Propandiolone (Typically as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system) Wheels and tires (Car wheels)
1-Méthyl-2-pyrrolidone, NMP (Typically for production of electronic equipment and coatings)	Electronic (High-voltage battery individual components)
6,6'-Di-tert-butyl-2,2'-méthylène-di-p-cresol (Typically for production of polymers and rubbers)	Body (Airbags, Safety belts) Chassis (Steering column) Electronic (Control units, modules) Entertainment and Navigation (Anti-theft device) Interior (Front seats) Powertrain (Thermostat and engine mounted cooling lines, Transfer box)
2-Méthyl-1-(4-méthylphénoxy)-2-méthylpropanol-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, modules, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player) Powertrain (Coolant pump with drive, Exhaust gas recirculation, Thermostat and engine mounted cooling lines)
2-Méthylimidazole (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)
4,4'-Isopropylidènephénol (Typically for production of polymers and resins)	Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player)
Bis(4-oxa-1,3-dioxane) peroxyde (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, Pédale, Rear axle differential, Rear axle differential mounting, Rear wheel brakes, Steering column) Electronic (Control units, modules, 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 Hybride/E-drive, Coolant pump with drive, Engine suspension, Exhaust gas recirculation, Exhaust pipe with catalyst 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 (Board equipment) Wheels and tires (Car wheels)
Diazène-1,2-dicarboxamide, ADCA (Typically as blowing agent in plastic and rubber manufacturing)	Body (Bicyclist) Chassis (Side trim panel with armrests) Body (Air guides) Chassis (Anti-block system, Brake boosters, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems, Heading control, Rear view camera) Electronic (Brake lights, Control units, modules, 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 Hybride/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filter 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)
Lead monoxide, lead oxide (Typically as constituent of electronic components)	Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Control Hybride/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filter 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)
Dibore trioxide (Typically for production of borosilicate and crystal glass)	Body (Far guides, Windshield and rear window) Chassis (Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Radio-controlled locking system) Electronic (Brake lights, Control units, modules, 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 Hybride/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Variable valve train)
Boric acid (Typically for production of glass and ceramics and as flame retardant)	Powertrain (Starter with mount)
Decaméthylcyclopentasiloxane (Typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Communication (Off-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)
Dodécaméthylcyclohexasiloxane (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)
Imidazolidine-2-thione (Typically for production of polymers and rubbers)	Chassis (Front axle suspension, Front wheel brakes) Powertrain (Carbon canister ventilation, Ecu Bowmounting, Starter with mount)
Nonylphénol (Typically as dispersing agent in coatings, adhesives and paints)	Body (Windshield and rear window) 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 Hybride/E-drive, Engine cooler with mounting, Housing cover, Injection nozzles and tubing, Starter cable, Starter with mount, Transmission wiring harness)
Octaméthylcyclotrisiloxane (Typically as feedstock for the production of silicone polymers)	Heating and air conditioning (Air conditioner)
Tris(4-nonylphényl, branched and linear) phosphite, TNPP (Typically for production of polymers and rubbers)	Electronic (High voltage charging electronics)
1,6,8,14,15,16,17,17,18,18-Dodécachloropentacyclo[12.2.1.1.6,9.0.2,13.05,10]octadeca-7,15-diene, "Dodeciorane Plus" (Typically as flame retardant)	Body (Bumper rear, Window mechanism with electrical control in front door) Chassis (Anti-block system, Brake control (Hydraulic system)) Drive Assistance (Adaptive cruise control) Electronic (Control units, modules, DC/DC-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)
2,2',6,6'-tétrabromo-4,4'-isopropylidènephénol (Typically as flame retardant and as additive in plastics and resins)	Heating and air conditioning (Auxiliary heater with control elements) Body (Safety belts) Chassis (Steering gear) Communication (Off-hands mobile communication) Electronic (Cable harness, High voltage charging electronics) Interior (Front door trim panel with armrests) Powertrain (Coolant pump with drive, Housing cover) Wheels and tires (Car wheels)
Aluminate réfractaire Céramique Fibre (Typically for heat insulation)	Body (Window mechanism with electrical control in rear door)
Melamine (Typically used in coatings, inks, resins and polymers)	Powertrain (Coolants lines) Body (Bumper rear, Loose car body components, Sealings, Window mechanism with electrical control in rear door) Chassis (Anti-block system, Brake control (Hydraulic system)) Electronic (Auxiliary cable) Entertainment and Navigation (Central display and control unit) Heating and air conditioning (Nozzles, Flow-out organs) Interior (Front door trim panel with armrests, Rear door trim panel with armrests, Trim panel trunk hatchgate) Powertrain (Fuel lines)
Alcane, C16-17, oléone (Typically as flame retardant and as additive in plastics, sealants, cables, textiles)	Powertrain (Exhaust gas recirculation, Supercharging contrivance with regulation)
Médium-chaîne chlorométhylés paraffines (Typically as flame retardant and as additive in plastic, sealants, rubber, textiles)	Body (Safety belts)
Bumétrazole (Typically as plasticizer for production of polymers and paints)	Powertrain (Selective catalytic reduction technology)
Bis(4-chlorophényl)sulfone (Typically for production of polymers and rubbers)	Body (External fittings) Chassis (Steering column) Communication (Off-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)
Cobalt(II) nitrate hexahydrate (Typically as additive in magnets for electronic assemblies)	Powertrain (Exhaust controls)
4-Nonylphénol, branched and linear (Typically as dispersing agent in coatings, adhesives and paints)	Chassis (Anti-block system) Communication (Off-hands mobile communication) Powertrain (Thermostat and engine mounted cooling lines)
2-(2H-benzotriazol-2-yl)-4-(1,1,2,3-tétraméthylbutyl)phénol (Typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (Boot lid latch, locks and fittings) Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Electronic (NMP)
4-(1,3,3-Tétraméthylbutyl)phénol, éthoxylaté (Typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Automatic transmission)
2-benzyl-2-diméthylamino-4'-morpholinobutylphosphone (Typically for adhesives, sealants, coatings and inks)	Communication (Off-hands mobile communication) Powertrain (Thermostat and engine mounted cooling lines)
Bis(2-(2-méthoxyéthoxyéthyl)éthyle, tétraoligomé (Typically as process solvent)	Drive Assistance (Radio-controlled locking system) Electronic (NMP)
Dioctyl dilaurate (Typically for production of polymers, coating products, adhesives and sealants)	Powertrain (Automatic transmission)
Potassium 1,1,2,2,3,4,4-tétrafluorobutane-1-sulfonate (Typically as flame retardant in polycarbonate)	Communication (Off-hands mobile communication)
2-diméthylamino-2-(4-méthylphényl)éthyl-1-(4-morpholin-4-yl)phénol-butane-1-one (Typically as plasticizer for production of polymers and paints)	Entertainment and Navigation (Video and tv-sets) Powertrain (Starter with mount)
8-(Trioxyl)2,1,0,7,6,5,4,3-trioxane-3-ène(8(9)-O-isopropyl ou isobutyl ou 2-éthylhexyl)-O-isopropyl ou isobutyl ou 2-éthylhexyl phosphorodithioate (Typically used in lubricants)	Powertrain (Vacuum pump)