

BMW 7 Series Berline (DATE 11/2024)	
<p>Le BMW Group soumet aux principes fondamentaux de la durabilité et prend activement des mesures destinées à éviter certains produits chimiques dans la production de véhicules. De ce fait, les produits ne comportent que les substances qui sont indispensables pour des raisons techniques. Ces substances sont listées dans les matériaux et l'émission possible est limitée à un minimum lors d'une utilisation conforme. Par conséquent, un risque pour l'homme et pour l'environnement à ce sujet peut être exclu selon toute probabilité. Cela inclut que le véhicule et ses pièces soient utilisés aux fins prévues et conformément à la notice d'utilisation et que les mesures d'entretien et les réparations soient effectuées conformément aux normes en vigueur, par du personnel formé respectant les consignes techniques. L'utilisation sûre du produit est expliquée dans sa notice d'utilisation. Cette notice reflète notre désir d'encourager la fabrication, l'usage et l'utilisation saine de nos produits. Nos notices et informations concernant la réparation et les tâches d'entretien ainsi que les pièces de rechange d'origine BMW comportent en outre des informations destinées à respecter par le personnel d'entretien. Conformément aux réglementations en vigueur dans l'UE, un véhicule en fin de vie ne doit être traité que par un établissement homologué pour ce genre d'opération. Les pièces du véhicule doivent alors être éliminées en accord avec les lois régionales et les autorités compétentes au niveau régional.</p>	
<p><b>Mise à disposition d'informations en vertu de l'article 33 du règlement REACH</b></p> <p>Le présent véhicule est composé de produits qui sont définis par l'article 3(3) du Règlement 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 met 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 57 et ont été identifiées en une concentration supérieure à 0,1 % du poids en vertu de l'article 59(1). Nous vous informons également que du plomb (numéro CAS 7439-92-1) est utilisé dans presque toutes les catégories de produits, principalement sous forme de composant d'alliage. Cette substance peut aussi être présente comme composant dans des matériaux métalliques.</p>	
Name of substance meeting the criteria in Article 57 and identified in accordance with 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)	Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
1,3-Propanesultone (typically as electrolyte in batteries)	Electronic (Battery with holder)
1-Methyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Powertrain (Fuel tank with filler pipe)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Bowl lid latch, locks and fittings, Safety belts) Chassis (Steering column, Self-levelling elements for hydropneumatic system, Pressure accumulator and pump unit) Electronic (Battery with holder, Control units, moduls, Inner lights and alternative unified partial groups) Heating and air conditioning (Heater with control, seat heating) Powertrain (Thermostat and engine mounted cooling lines)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Electronic (Auxiliary cable, Switch, sensor, Brake lights)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Body (Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings) Entertainment and Navigation (Anti-theft device)
Bis(α,α-dimethylbenzyl) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Air guides, Airbags) Chassis (Steering column, Rear axle differential mounting, Brake control (Hydraulic system), Pressure accumulator and pump unit) Electronic (Battery with holder, Windshield wipers) Heating and air conditioning (Auxiliary heater with control elements, Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays, Front seats, Rear seats) Powertrain (Coolant pump with drive, Thermostat and engine mounted cooling lines, Supercharging contrivance with regulation, Selective catalytic reduction technology, Engine cooler with mounting, Expansion tank, Oil cooler lines, Exhaust suspension, Exhaust pipe with catalyst or complete system, DPF, Automatic transmission) 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) Electronic (Power distribution box, Jumper cable supports)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (External fittings, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings, Bonnet latch, locks and fittings, Air guides) Chassis (Steering column, Anti-block system, Self-levelling elements for hydropneumatic system electrical components) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera, Laser scanner environment detection) Electronic (Battery with holder, Switch, sensor, Control units, moduls, Windshield wipers, Instrument cluster, Head-up Display, Front lamp cluster) Entertainment and Navigation (Antenna, Video and tv-sets, Airbag-releasing device) Heating and air conditioning (Heater with control, seat heating, Auxiliary heater with control elements, Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Variable valve train, Coolant pump with drive, Thermostat and engine mounted cooling lines, Exhaust gas recirculation, Electronic switching or control devices, Injection nozzles and tubing, Injection control unit, Sensor for injection control unit, Intake silencer, Fuel tank with filler pipe, Automatic transmission)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Body (Windshield and rear window, Air guides) Chassis (Anti-block system, Self-levelling elements for hydropneumatic system electrical components) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera, Laser scanner environment detection) Electronic (Battery with holder, Head-up Display, Front lamp cluster, Rear light cluster) Entertainment and Navigation (Video and tv-sets, Airbag-releasing device) Heating and air conditioning (Heater with control, seat heating, Auxiliary heater with control elements, Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Variable valve train, Coolant pump with drive, Exhaust gas recirculation, Fuel tank with filler pipe, Selective catalytic reduction technology, Automatic transmission, Transfer box)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Switch, sensor) Powertrain (Starter with mount)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Auxiliary cable) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Exhaust controls, Ignition coil, Engine wiring harness, Injection nozzles and tubing, Expansion tank) Chassis (Steering column)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Chassis (Steering column)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Interior (Front seats, Rear seats) Powertrain (Coolant pump with drive, Exhaust gas recirculation, Ignition coil, Injection nozzles and tubing, Sensor for injection control unit, Carbon canister ventilation, Expansion tank)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Bumper rear) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Carbon canister ventilation, Selective catalytic reduction technology)
N,N-Dimethylacetamide (typically as process solvent in polymer production)	Electronic (Brake lights) Electronic (Auxiliary cable) Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Coolant pump with drive, Ignition coil, Engine wiring harness, Injection nozzles and tubing, Carbon canister ventilation, Expansion tank) Drive Assistance (Heading control)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Switch, sensor, Head-up Display) Entertainment and Navigation (Airbag-releasing device) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Coolant pump with drive, Supercharging contrivance with regulation, Exhaust gas recirculation, Injection nozzles and tubing, Sensor for injection control unit, Automatic transmission)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Powertrain (Catalyst with suspension, DPF)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Body (Window mechanism with electrical control in rear door) Drive Assistance (Adaptive cruise control) Electronic (Auxiliary cable, Switch, sensor, Front lamp cluster) Entertainment and Navigation (Central display and control unit) Interior (Front door trim panel with armrests, Front seats)
Melamine (typically used in coatings, inks, resins and polymers)	Body (Bumper rear) Powertrain (Coolants lines)
Alkanes, C14-17, chloro (typically as flame retardant and as additive in plastics, sealants, rubber, textiles) Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Body (Bumper rear, Windshield and rear window, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Steering column, Brake control (Hydraulic system)) Electronic (Auxiliary cable, Plug-connection cable, clamp, Switch, sensor) Heating and air conditioning (Air conditioner) Interior (Sliding roof) Powertrain (Ecu box/mounting, Fuel lines)
Bumetizole (typically as plasticizer for production of polymers and paints)	Powertrain (Supercharging contrivance with regulation, Fuel tank with filler pipe)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Electronic (Switch, sensor)
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Powertrain (Fuel tank with filler pipe)
Tris(2-methoxyethoxy)vinylsilane (typically for production of polymers and rubbers)	Body (External fittings) Chassis (Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Switch, sensor, Front lamp cluster, Inner lights) Entertainment and Navigation (Loudspeaker and cover, Central display and control unit) Interior (Mirrors, sun visors, ashtrays, trays, Headlining, Front seats, Sliding roof)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Chassis (Accelerator foot control) Drive Assistance (Rear view camera) Interior (Mirrors, sun visors, ashtrays, trays)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Interior (Mirrors, sun visors, ashtrays, trays)
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate, DOTE (typically for production of paints and polymers)	Interior (Mirrors, sun visors, ashtrays, trays)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Electronic (Horn) Heating and air conditioning (Nozzles, flow-out organs) Interior (Front door trim panel with armrests, Rear door trim panel with armrests, Rear seats)
Diocetyl dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Interior (Sliding roof)
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one (typically as plasticizer for production of polymers and paints)	Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Air and water lines)
<p>Le présent document comprend des informations sur les matériaux et le contenu des substances qui sont basées sur nos propres connaissances et plus particulièrement sur les indications venant de notre chaîne d'approvisionnement. Certains oxydes anorganiques sont listés dans des 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 constatation semblable peut se produire pour des substances de départ qui sont listées dans le polymère.</p>	