

BMW Série 4 Gran Coupé (DATE 09/2025)	
<p>Le BMW Group souscrit 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 liées 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 les véhicules et les pièces sont utilisés 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 saines 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 consignes de sécurité 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>	
Mise à disposition d'informations en vertu de l'article 33 du règlement REACH	
<p>Le présent véhicule est composé de produits qui sont définis par l'article 3(3) 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 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 recyclés.</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)	Wheels and tires (Car wheels)
1-Methyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Powertrain (Alternator with drive and mountings)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Airbags, Boot lid latch, locks and fittings, Safety belts, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Electronic (Control units, moduls) Intérieur (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Exhaust pipe with catalyst or complete system, DPF, Thermostat and engine mounted cooling lines)
2-Methyl-1-(4-methylphenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Body (Boot lid latch, locks and fittings) Chassis (Rear wheel brakes) Drive Assistance (Rear view camera) Electronic (Cable harness, Potential equalization, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player) Powertrain (Exhaust gas recirculation, Thermostat and engine mounted cooling lines)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Chassis (Output shafts, Rear wheel brakes) Entertainment and Navigation (Anti-theft device) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Exhaust pipe with catalyst or complete system, DPF, Vibration damper)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Electronic (Control units, moduls) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements) Intérieur (Front seats)
Bis(α,α-diméthylbenzyl) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Boot lid latch, locks and fittings, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Brake boosters, Brake control (Hydraulic system), Front wheel brakes, Pedals, Rear axle with mounting, wheel control (Steering column)) Drive Assistance (Time-to-line crossing external camera) Electronic (Control units, moduls, Potential equalization, Windshield wipers) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements) Powertrain (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)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Powertrain (Chassis (Board equipment)) Wheels and tires (Car wheels)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Body (Bodyshell) Drive Assistance (Time-to-line crossing external camera) Intérieur (Side trim panel with armrests)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Chassis (Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Control units, moduls, Potential equalization, Rear light cluster) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Auxiliary heater with control elements) Intérieur (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Coolant pump with drive)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Potential equalization) Powertrain (Camsshaft adjustment, Starter with mount)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Body (Sealings) Communication (Off-hands mobile communication) Drive Assistance (Radio-controlled locking system) Heating and air conditioning (Air conditioner)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Alternator with drive and mountings, Engine cooler with mounting, Housing cover, Injection nozzles and tubing, Oil cooler lines, Oil and lines, Oil pressure, temperature, oil level indicator, Sensor for injection control unit, Thermostat and engine mounted cooling lines, Transmission wiring harness)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Body (Airbaes) Chassis (Rear wheel brakes) Electronic (Rear light cluster) Powertrain (Alternator with drive and mountings, Engine cooler with mounting)
Imidazolidin-2-thione (typically for production of polymers and rubbers)	Body (Sealings) Intérieur (Front seats) 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, Starter with mount)
Octamethylcyclotetrasiloxane (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) Communication (Off-hands mobile communication) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Carbon canister ventilation)
Triphenyl phosphate (TPP); (typically used for adhesives and sealants, coating products)	Body (Sealings) Drive Assistance (Radio-controlled locking system) Heating and air conditioning (Heater with control, seat heating) Powertrain (Alternator with drive and mountings, Engine cooler with mounting, Housing cover, Injection nozzles and tubing, Starter with mount, Transmission wiring harness)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Chassis (Anti-block system (electrical components)) Electronic (Cable harness) Entertainment and Navigation (Video and tv-sets) Intérieur (Mirrors, sun visors, ashtrays, trays) Powertrain (Housing cover, Oil pump with strainer and drive)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Body (Boot lid latch, locks and fittings, Bumper rear) Chassis (Anti-block system, Brake boosters, Rear axle differential) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems) Electronic (Control units, moduls, Fog lamps, additional lamps, Inner lights, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Central display and control unit, Radio, amplifier, CD-player) Heating and air conditioning (Auxiliary heater with control elements) Intérieur (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Alternator with drive and mountings, Automatic transmission, Coolant pump with drive, Delivery, preparation and content measurement, control units, fuel pump, Electronic switching or control devices, Engine cooler with mounting, Exhaust gas recirculation, Injection control unit, Intake manifold, Selective catalytic reduction technology, Sensor for injection control unit, Supercharging contrivance with regulation, Switch and relays, Thermostat and engine mounted cooling lines)
Melamine (typically used in coatings, inks, resins and polymers)	Heating and air conditioning (Auxiliary heater with control elements)
Bumetizole (typically as plasticizer for production of polymers and paints)	Body (Door locks, grab handles and front fittings, Loose car body components, Sealings) 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)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Exhaust gas recirculation, Intake manifold, Supercharging contrivance with regulation)
Diphényl(2,4,6-triméthylbenzoyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Powertrain (Exhaust pipe with catalyst or complete system, DPF)
4-Nonylphenol, branched and linear (typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Selective catalytic reduction technology)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (Air guides, External fittings) Communication (Steering column) Communication (Off-hands mobile communication) Electronic (Control units, moduls, Front lamp cluster, Inner lights, Rear light cluster, Switch, sensor) Entertainment and Navigation (Loudspeaker and cover, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Intérieur (Instrument panel)
2-benzyl-2-diméthylamino-4'-morpholinobutylprophénone (typically for adhesives, sealants, coatings and inks)	Communication (Off-hands mobile communication) Electronic (Potential equalization) Powertrain (Thermostat and engine mounted cooling lines)
Bis(2-(2-méthoxyéthoxy)éthyl)éther, tetraglyme (typically as process solvent)	Electronic (Horn)
Diocetyl dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Powertrain (Automatic transmission)
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (typically as flame retardant in poly(carbonate))	Communication (Off-hands mobile communication)
2-(diméthylamino)-2-(4-méthylphényl)méthyl-1-(4-(morpholin-4-yl)phényl)butan-1-one (typically as plasticizer for production of polymers and paints)	Chassis (Front axle suspension) Entertainment and Navigation (Video and tv-sets)
S-(Tricyclo(5,2,1,0 ^{2,6})dica-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-éthylhexyl) O-(isopropyl or isobutyl or 2-éthylhexyl) phosphorodithioate (typically used in lubricants)	Powertrain (Vacuum pump)
<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. Information complémentaire : Certains oxydes anorganiques sont liés 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 constellation semblable peut se produire pour des substances de départ qui sont liées dans le polymère.</p>	