

BMW i4 Gran Coupé (DATE 11/2024)	
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 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 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.	
Mise à disposition d'informations en vertu de l'article 33 du règlement REACH	
Le présent véhicule est composé de produits qui sont définis par l'article 33) 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 des substances se trouve 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 revêtus.	
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) Wheels and tires (Car wheels)
1,3-Propanesulfonate (typically as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door, Safety belts, Airbags) Chassis (Steering column, Pressure accumulator and pump unit) Electronic (Control units, moduls) Entertainment and Navigation (Anti-theft device) Interior (Front seats)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-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, High-voltage accumulator system, Potential equalization, Switch, sensor, Control units, moduls, Front lamp cluster) Entertainment and Navigation (Radio, amplifier, CD-player, Antenna) Powertrain (Coolant pump with drive, Electric machine individual components)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Chassis (Rear wheel brakes)
4,4'-isopropylidenediphenol (typically for production of polymers and resins)	Communication (Off-hands mobile communication) Entertainment and Navigation (Radio, amplifier, CD-player)
Bis(α,α-dimethylbenzyl) peroxide (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 (Steering column, Rear axle with mounting, wheel control, Front wheel brakes, Brake control (Hydraulic system), Brake boosters, Anti-block system, Pedals) Electronic (Potential equalization, Windshield wipers) Heating and air conditioning (Auxiliary heater with control elements, Air conditioner) Powertrain (Coolant pump with drive) 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) Interior (Side trim panel with armrests) Body (Air guides) Chassis (Steering column, Brake boosters, Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Distance warning systems, Adaptive cruise control, Heading control, Rear view camera) Electronic (High-voltage accumulator system, High-voltage battery individual components, Switch, sensor, Control units, moduls, High voltage charging electronics, Instrument cluster, Head-up Display, Rear light cluster, Brake lights, Inner lights)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Entertainment and Navigation (Radio, amplifier, CD-player, Antenna, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating, Auxiliary heater with control elements, Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays, Front seats) Powertrain (Coolant pump with drive, Control Hybrides/E-drive, Transmission electric drive components)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Body (Air guides) Chassis (Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Radio-controlled locking system, Adaptive cruise control) Electronic (High-voltage accumulator system, High-voltage battery individual components, Potential equalization, Control units, moduls, High voltage charging electronics) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Heater with control, seat heating, Auxiliary heater with control elements, Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays, Front seats) Powertrain (Coolant pump with drive, Control Hybrides/E-drive)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Potential equalization)
Decamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Body (Window mechanism with electrical control in front door) Drive Assistance (Radio-controlled locking system) Powertrain (Control Hybrides/E-drive, Engine cooler with mounting)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Body (Airbags) Chassis (Rear wheel brakes) Electronic (Rear light cluster) Powertrain (Engine cooler with mounting)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (High-voltage accumulator system, High-voltage battery individual components) Powertrain (Coolant pump with drive, Control Hybrides/E-drive, Engine cooler with mounting)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Chassis (Front axle suspension, Front wheel brakes) Heating and air conditioning (Auxiliary heater with control elements)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Body (Window mechanism with electrical control in front door) Drive Assistance (Radio-controlled locking system) Electronic (High voltage charging electronics) Heating and air conditioning (Heater with control, seat heating) Powertrain (Engine cooler with mounting)
Tris(4-nonylphenyl), branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Heating and air conditioning (Air conditioner)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Body (Bumper rear) Chassis (Steering column, Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Switch, sensor, Control units, moduls, Inner lights) Entertainment and Navigation (Radio, amplifier, CD-player, Airbag-releasing device) Heating and air conditioning (Auxiliary heater with control elements) Interior (Front seats) Powertrain (Control Hybrides/E-drive, Switch and relays)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Heating and air conditioning (Auxiliary heater with control elements) Chassis (Steering gear) Electronic (Cable harness, High-voltage accumulator system, High-voltage battery individual components, High voltage charging electronics)
Melamine (typically used in coatings, inks, resins and polymers)	Heating and air conditioning (Air and water lines) Interior (Insulating panel) Powertrain (Coolants lines)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Body (Door locks, grab handles and front fittings, Loose car body components, Sealings) Chassis (Brake control (Hydraulic system), Anti-block system) Electronic (Auxiliary cable) Entertainment and Navigation (Central display and control unit) Heating and air conditioning (Nozzles, flow-out organs)
Bumetizole (typically as plasticizer for production of polymers and paints)	Body (External fittings, Air guides) Chassis (Steering column) Communication (Off-hands mobile communication) Electronic (High-voltage accumulator system, High-voltage battery individual components, Switch, sensor, Front lamp cluster, Rear light cluster, Inner lights) Entertainment and Navigation (Radio, amplifier, CD-player, Loudspeaker and cover, Video and tv-sets) Interior (Instrument panel)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Chassis (Anti-block system) Electronic (Potential equalization)
2-benzyl-2-dimethylamino-4-morpholinobutylphenone (typically for adhesives, sealants, coatings and inks)	Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Electronic (Horn)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Chassis (Front axle suspension) Entertainment and Navigation (Video and tv-sets)
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one (typically as plasticizer for production of polymers and paints)	Powertrain (Vacuum pump)
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)	
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 consultation semblable peut se produire pour des substances de départ qui sont liées dans le polymère.	