

BMW Serie 3 Touring (DATE 11/2024)	
<p>Il BMW Group si impegna a rispettare i principi fondamentali della sostenibilità e adotta in modo proattivo misure atte a evitare determinate sostanze chimiche nella produzione di veicoli. Nei prodotti sono pertanto contenute solo le sostanze che sono indispensabili per ragioni tecniche. Tali sostanze sono impiegate in modo che creino un ulteriore contributo alla destinazione, la loro possibile emissione sia ridotta al minimo. E quindi possibile escludere con ogni probabilità un rischio per l'uomo o l'ambiente. Ciò presuppone che il veicolo e i suoi pezzi siano impiegati conformemente alla loro destinazione e alle istruzioni per l'uso e che le operazioni di manutenzione e riparazione siano eseguite da personale adeguatamente formato e con i ricambi originali BMW. La manutenzione sicura del prodotto è spiegata nelle sue istruzioni per l'uso. Tali istruzioni corrispondono alla nostra aspirazione di promuovere una fabbricazione, una lavorazione e un impiego responsabili dei nostri prodotti. Le nostre istruzioni e informazioni riguardano la riparazione e la manutenzione e i pezzi di ricambio originali BMW contengono inoltre istruzioni per la sicurezza che il personale addetto all'assistenza è tenuto a rispettare. Conformemente ai requisiti di legge dell'Unione Europea, un veicolo fuori uso può essere smaltito, analizzato e riciclato e ricambi e ricambi di veicoli fuori uso (pezzi dei veicoli) vanno smaltiti conformemente alle leggi locali in vigore e alle autorità locali competenti.</p>	
Comunicazione di informazioni conformemente all'articolo 33 REACH	
<p>Questo veicolo è composto di prodotti definiti dall'articolo 3(3) del Regolamento n° 1907/2006 del Parlamento Europeo e del Consiglio riguardante la registrazione, valutazione, autorizzazione e restrizione di sostanze chimiche (REACH). Ai sensi dell'articolo 33, ogni fornitore ha l'obbligo di comunicare informazioni sulle sostanze presenti nel prodotto. Questo veicolo, compresi tutti i prodotti che lo compongono, contiene sostanze che soddisfano i criteri dell'articolo 37 e che ai sensi dell'articolo 39(1) sono state identificate in una categoria di sostanze allo 31. Il presente è il primo in grado. Il informazioni che il prodotto (n° CAS 7439-92-1) è usato in quasi tutte le categorie di prodotti, principalmente come elemento di lega. Inoltre il piombo può essere contenuto in sostanze metalliche riciclate.</p>	
Name of substance meeting the criteria in Article 57 and identified in accordance with Article 39(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, EDME (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-Propanediolo (tipically as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system)
1-Methyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Electronic (High-voltage battery individual components)
6,6'-Di-tert-butyl-2,2'-methylenebis(p-cresol) (typically for production of polymers and rubbers)	Body (Airbags, Boot lid latch, locks and fittings, 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)
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, Control units, modules, Switch, sensor) Entertainment and Navigation (Antenna, Radio, amplifier, CD-player) Interior (Floor, trunk, engine compartment trim, mats) Powertrain (Coolant pump with drive, Exhaust gas recirculation, Thermostat and engine mounted cooling lines)
2-Methylimidazole (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'-isopropylidenediphenol (typically for production of polymers and resins)	Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player)
Bis(4-aminobenzyl)peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Bodyshell, Boot lid latch, locks and fittings) Chassis (Anti-block system, Brake boosters, Brake control (Hydraulic system), Front wheel brakes, Pedals, Rear axle differential mounting, Steering column) E-Drive (Drive for wiper unit/headlight cleaning unit) Electronic (Front lamp cluster, High-voltage battery individual components, Potential equalization, Windshield wipers) Heating and air conditioning (Air conditioner) Powertrain (Control Hybrides/E-drive, Coolant pump with drive, Engine suspension, Exhaust gas recirculation, Exhaust pipe with catalyst or complete system, DPF, Exhaust gas recirculation, 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)
Diazene-1,2-dicarbamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell) Interior (Floor, trunk, engine compartment trim, mats, Side trim panel with armrests)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Air guides) Chassis (Anti-block system, Brake boosters, Steering column) Communication (Off-boards mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems, Heading control, Rear view camera) Electronic (Control units, modules, 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)
Diuron dioxide (typically for production of borosilicate and crystal glass)	Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Control Hybrides/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)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Body (Air guides, Windshield and rear window) Chassis (Anti-block system) Communication (Off-boards mobile communication) Drive Assistance (Adaptive cruise control, Radio-controlled locking system) E-Drive (Drive for wiper unit/headlight cleaning unit) Electronic (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, Rear seats) Powertrain (Automatic transmission, Control Hybrides/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Variable valve train)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) 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)
Dichloroethyl phthalate (typically as plasticizer for production of polymers)	Chassis (Rear wheel brakes) Powertrain (Alternator with drive and mountings, Engine cooler with mounting)
Dodecamethylcyclohexasiloxane (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, Eco boost/mounting, Starter with mount) Chassis (Brake boosters) Drive Assistance (Radio-controlled locking system) Electronic (High voltage charging electronics, High-voltage battery individual components) Powertrain (Alternator with drive and mountings, Control Hybrides/E-drive, Engine cooler with mounting, Housing cover, Injection nozzles and tubing, Starter cable, Transmission wiring harness)
Octamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Drive Assistance (Radio-controlled locking system) Electronic (High voltage charging electronics, High-voltage battery individual components) Powertrain (Alternator with drive and mountings, Control Hybrides/E-drive, Engine cooler with mounting, Housing cover, Injection nozzles and tubing, Starter cable, Transmission wiring harness)
Tris(4-nonylphenyl) branched and linear phosphite, TNPP (typically for production of polymers and rubbers)	Body (Windshield and rear window) Heating and air conditioning (Air conditioner)
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02.13.05,10]octadeca-7,15-diene, "Dechlorane Plus™" (typically as flame retardant)	Electronic (High voltage charging electronics)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Body (Bumper rear) Chassis (Anti-block system, Rear axle differential, Steering column) 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, Exhaust gas recirculation, Intake manifold, Sensor for injection control unit, Supercharging contrivance with regulation, Switch and relay)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Heating and air conditioning (Auxiliary heater with control elements) Chassis (Steering gear)
Melamine (typically used in coatings, inks, resins and polymers)	Electronic (Cable harness, High voltage charging electronics) Powertrain (Coolant pump with drive, Housing cover) Wheels and tires (Car wheels)
Alkanes, C14-17, chloro (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Body (External fittings)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Powertrain (Coolants lines)
Bumetizolo (typically as plasticizer for production of polymers and paints)	Body (Boot lid latch, locks and fittings, Bumper rear, Loose car body components, Sealing, Side window in body electrically operated) 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) Powertrain (Fuel lines)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Exhaust gas recirculation, Supercharging contrivance with regulation)
Cobalt(II) nitrate hexahydrate (typically as additive in magnets for electronic assemblies)	Body (Safety belts)
4-nonylphenol, branched and linear (typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Selective catalytic reduction technology) Chassis (Steering column) Communication (Off-boards 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 panels)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Exhaust controls)
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (typically as dispersing agent in coatings, adhesives and paints)	Chassis (Anti-block system) Powertrain (Thermostat and engine mounted cooling lines)
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)	Powertrain (Automatic transmission)
Diocetyl dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Entertainment and Navigation (Video and tv-sets) Powertrain (Starter with mount)
2-(diethylamino)-2-(4-methylphenyl(methyl)-1-(4-morpholin-4-yl)phenyl)butan-1-one (typically as plasticizer for production of polymers and paints)	Powertrain (Starter with mount)
S-(Tricyclo[5.2.1.0,2,6]deca-3-en-8(9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorothioate (typically used in lubricants)	Powertrain (Vacuum pump)
<p>Le informazioni su materiale e contenuto delle sostanze fornite nel presente documento si basano sulle nostre conoscenze e in particolare sui dati provenienti dai nostri fornitori. Informazioni addizionali, determinati costi, impieghi sono incorporati in strutture di vetro o ceramiche modificando le loro proprietà individuali di sostanza e i loro usi di comunicazione previsti dai REACH. Una situazione simile può verificarsi per determinati precursori che sono legati in polimeri.</p>	