

BMW 7er Limousine (STAND 07/2024)	
<p>Die BMW Group verpflichtet sich den Grundprinzipien der Nachhaltigkeit und ergreift proaktiv Maßnahmen, um bestimmte Chemikalien in der Fahrzeugproduktion zu vermeiden. Dementsprechend sind in Produkten nur solche Stoffe enthalten, die aus technischen Gründen unabdingbar sind. Diese Stoffe sind in ihrer Anwendung in die Materialien eingebunden, so dass bei bestimmungsgemäßer Nutzung eine mögliche Freisetzung auf ein Mindestmaß beschränkt ist. Dennoch kann eine diesbezügliche Gefährdung für Mensch und Umwelt durch die Verwendung dieser Stoffe nicht ausgeschlossen werden. Dies beinhaltet, dass das Fahrzeug und dessen Teile bestimmungsgemäß und nach Betriebsanleitung verwendet werden und Wartungs- und Reparaturmaßnahmen entsprechend der technischen Vorgaben durch Fachkräfte gemäß einschlägiger Standards erfolgen. Die sichere Handhabung des Produkts ist in dessen Betriebsanleitung erläutert. Diese Anleitung entspricht unseren Ansätzen, die verantwortungsbewusste Herstellung, Bearbeitung und Verwendung unserer Produkte zu fördern. Unsere Anleitungen und Informationen bezüglich der Reparatur und Wartungsarbeiten und Original BMW Ersatzteilen beinhalten zudem zu beachtende Sicherheits Hinweise für das Servicepersonal. Entsprechend der gesetzlichen Vorgaben in der EZ darf an Anlagen und Komponenten des Zubehörs kein Ersatzteile-Verwendungsbereich entsorgt werden. Fahrzeugteile sollten entsprechend in Übereinstimmung mit den regional vorhandenen Gesetzen und regional zuständigen Behörden entsorgt werden.</p>	
<p>Bereitstellung von Informationen entsprechend Artikel 33 REACH</p> <p>Dieses Fahrzeug enthält sich aus Erzeugnissen zusammen, welche unter Artikel 3(3) der Verordnung Nr. 1907/2006 des EU-Parlaments und dem Rat für Registrierung, Bewertung, Zulassung und Beschränkung von Chemikalien (REACH) definiert sind. Jeder Lieferant ist gemäß Artikel 33 dazu verpflichtet, Informationen zu den Stoffen, die in der Fahrzeugherstellung verwendet werden, bereitzustellen. Diese Informationen sind in den Daten, die das Produkt bezieht, beinhaltet Stoffe, welche die Kriterien des Artikel 57 erfüllen und gemäß Artikel 59(1) in einer Konzentration über 0,1 Gewichtsprozent ermittelt wurden. Zusätzlich wird darauf hingewiesen, dass die Substanz Blei (CAS-Nr. 7439-92-1) in fast allen Produktgruppen, hauptsächlich als Legierungsbestandteil, Anwendung findet. Darüber hinaus kann Blei als Bestandteil in recycelten metallischen Werkstoffen enthalten sein.</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)	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 (Boot lid latch, locks and fittings, Safety belts) Chassis (Pressure accumulator and pump unit, Self-levelling elements for hydropneumatic system, Steering column) Drive Assistance (Distance warning systems) Electronic (Battery with holder, 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 (Brake lights, Cable harness, Potential equalization) Entertainment and Navigation (Antenna, Central display and control unit, Radio, amplifier, CD-player) Powertrain (Electric machine individual components)
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)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Entertainment and Navigation (Anti-theft device) Entertainment and Navigation (Radio, amplifier, CD-player)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell) Electronic (Power distribution box, Jumper cable supports) Heating and air conditioning (Heater with control, seat heating)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Air guides, Bonnet latch, locks and fittings, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings, External fittings) Chassis (Anti-block system, Self-levelling elements for hydropneumatic system electrical components, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Rear view camera) Electronic (Battery with holder, Control units, modules, DC/DC-converter, Front lamp cluster, Head-up Display, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Switch, sensor) Entertainment and Navigation (Antenna, Video and tv-sets) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements, Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Control Hybrides/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filler pipe, Housing ventilation, Injection control unit, Injection nozzles and tubing, Intake silencer, Sensor for injection control unit, Thermostat and engine mounted cooling lines, Transmission electric drive components, Variable valve train)
Silicic acid, lead salt (typically for production of glass and ceramics)	Communication (Off-hands mobile communication)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Body (Air guides, Windshield and rear window) Chassis (Anti-block system, Self-levelling elements for hydropneumatic system electrical components) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Battery with holder, DC/DC-converter, Front lamp cluster, Head-up Display, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Potential equalization, Rear light cluster) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements, Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Control Hybrides/E-drive, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filler pipe, Housing ventilation, Selective catalytic reduction technology, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Potential equalization) Powertrain (Starter with mount)
Decamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Auxiliary cable, High-voltage accumulator system, High-voltage battery individual components) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Control Hybrides/E-drive, Engine wiring harness, Exhaust controls, Expansion tank, Ignition coil)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Chassis (Steering column)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (High-voltage accumulator system, High-voltage battery individual components) Powertrain (Carbon canister ventilation, Control Hybrides/E-drive, Exhaust gas recirculation, Expansion tank, Ignition coil, Sensor for injection control unit)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Selective catalytic reduction technology)
N,N-Dimethylacetamide (typically as process solvent in polymer production)	Electronic (Brake lights) Electronic (Auxiliary cable, High voltage charging electronics, High-voltage accumulator system)
Octamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Carbon canister ventilation, Coolant pump with drive, Engine wiring harness, Expansion tank, Ignition coil)
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Electronic (DC/DC-converter)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Drive Assistance (Heading control) Electronic (Head-up Display) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Automatic transmission, Control Hybrides/E-drive, Coolant pump with drive, Exhaust gas recirculation, Sensor for injection control unit, Supercharging contrivance with regulation)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Powertrain (Catalyst with suspension, DPF)
Melamine (typically used in coatings, inks, resins and polymers)	Body (Window mechanism with electrical control in rear door) Drive Assistance (Adaptive cruise control) Electronic (Cable harness, Front lamp cluster, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Switch, sensor) Entertainment and Navigation (Central display and control unit) Interior (Front door trim panel with armrests, Front seats)
Alkanes, C14-17, chloro (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Body (Bumper rear)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Powertrain (Coolants lines)
Bumetrololol (typically as plasticizer for production of polymers and paints)	Body (Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door, Windshield and rear window) Chassis (Brake control (Hydraulic system), Steering column) Electronic (Auxiliary cable, Plug-connection cable, clamp, Switch, sensor) Heating and air conditioning (Air conditioner) Interior (Sliding roof) Powertrain (Ecu box/mounting, Fuel lines)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Fuel tank with filler pipe, Supercharging contrivance with regulation)
Tris(2-methoxyethoxy)vinylsilane (typically for production of polymers and rubbers)	Powertrain (Fuel tank with filler pipe)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (External fittings) Chassis (Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Front lamp cluster, High-voltage accumulator system, High-voltage battery individual components, Inner lights, Switch, sensor) Entertainment and Navigation (Central display and control unit, Loudspeaker and cover, Radio, amplifier, CD-player) Interior (Front seats, Headlining, Mirrors, sun visors, ashtrays, trays, Sliding roof)
2-benzyl-2-dimethylamino-4'-morpholinobutrophenone (typically for adhesives, sealants, coatings and inks)	Chassis (Accelerator foot control) Drive Assistance (Rear view camera) Electronic (Potential equalization) Interior (Mirrors, sun visors, ashtrays, trays)
2-Ethylhexyl 10-ethyl-4,4'-diocetyl-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>Das vorliegende Dokument enthält bezüglich Material und Stoffhalt Informationen, die auf eigenen Erkenntnissen und insbesondere den Angaben aus unserer Lieferkette beruhen. Zusatzinformationen: Bestimmte anorganische Oxide sind in Glas- oder Keramikstrukturen eingebunden, welche ihre individuellen Stoffeigenschaften sowie auch ihre Mitteilungspflicht unter REACH verändern. Eine ähnliche Konstellation kann sich bei Ausgangsstoffen ergeben, die in das Polymer eingebunden werden.</p>	