

BMW X3 (DATE 11/2024)	
<p>Il BMW Group s'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 proporzioni minime nei materiali, di modo che, previo un utilizzo conforme alle destinazioni, la loro possibile emissione sia ridotta al minimo. È quindi possibile escludere con ogni probabilità un rischio per l'uomo e 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 specializzato rispettando le specifiche tecniche e conformemente alle norme applicabili. La manipolazione 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 riguardanti 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 esclusivamente in un'azienda autorizzata al riciclaggio e recupero di veicoli fuori uso. I pezzi dei veicoli vanno smaltiti conformemente alle leggi localmente 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 nei prodotti. Questo veicolo, compresi tutti i prodotti che lo compongono, contiene sostanze che soddisfano i criteri dell'articolo 57 e che ai sensi dell'articolo 58(1) sono state identificate in una concentrazione superiore allo 0,1% in peso. Vi informiamo che il piombo (n° CAS: 7429-92-1) 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 58(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-Propanesulfone (typically as electrolyte in batteries)	Wheels and tires (Car wheels)
1-Methyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Electronic (High-voltage battery individual components) 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 (Airbags, Boot lid latch, locks and fittings, Safety belts) Chassis (Steering column) Electronic (Control units, moduls) Heating and air conditioning (Heater with control, seat heating) Powertrain (Transfer box)
2-Methyl-1-(4-methylphenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Electronic (Front lamp cluster) Entertainment and Navigation (Antenna, Central display and control unit) Interior (Front seats)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Entertainment and Navigation (Anti-theft device)
4,4'-isopropylidenediphenol (typically for production of polymers and resins)	Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Air conditioner) Body (Air guides) Chassis (Front wheel brakes, Rear axle differential, Steering column) Electronic (High-voltage battery individual components, Potential equalization) Heating and air conditioning (Air conditioner)
Bi(s,(α,α-dimethylbenzyl)peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Powertrain (Coolant pump with drive, Engine cooler with mounting, Engine suspension, Exhaust suspension, Oil cooler lines, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines, Vibration damper) 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, Colours, paints and basic material) Chassis (Steering column) Powertrain (Intake silencer)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Chassis (Anti-block system, Self-levelling elements for hydropneumatic system electrical components, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Control units, moduls, DC/DC-converter, Front lamp cluster, High voltage charging electronics, High-voltage battery individual components, Rear light cluster, Switch, sensor)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Entertainment and Navigation (Airbag-releasing device, Antenna, Video and tv-sets) Heating and air conditioning (Auxiliary heater with control elements) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, Injection nozzles and tubing, Intake silencer, Sensor for injection control unit, Thermostat and engine mounted cooling lines, Variable valve train, Ventilation, evaporation emission control) Chassis (Self-levelling elements for hydropneumatic system electrical components) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (DC/DC-converter, Front lamp cluster, High voltage charging electronics, High-voltage battery individual components, Rear light cluster) Entertainment and Navigation (Airbag-releasing device, 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, Coolant pump with drive, Exhaust gas recirculation, Selective catalytic reduction technology, Thermostat and engine mounted cooling lines, Transfer, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Powertrain (Starter with mount)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Steering column) Electronic (Auxiliary cable, High-voltage battery individual components) Heating and air conditioning (Auxiliary heater with control elements) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Alternator with drive and mountings, Engine wiring harness, Exhaust controls, Housing cover, Injection nozzles and tubing, Transmission wiring harness)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Body (Airbags) Chassis (Steering column) Powertrain (Alternator with drive and mountings)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Steering column) Electronic (High-voltage battery individual components) Heating and air conditioning (Auxiliary heater with control elements) 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)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Carbon canister ventilation, Selective catalytic reduction technology)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Steering column) Electronic (Auxiliary cable, High voltage charging electronics, High-voltage battery individual components) Heating and air conditioning (Auxiliary heater with control elements) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Alternator with drive and mountings, Coolant pump with drive, Engine wiring harness, Housing cover, Injection nozzles and tubing, Transmission wiring harness)
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Chassis (Front wheel brakes) Electronic (DC/DC-converter) 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)	Drive Assistance (Heading control) Electronic (Switch, sensor) Entertainment and Navigation (Airbag-releasing device) Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Automatic transmission, Coolant pump with drive, Exhaust gas recirculation, Sensor for injection control unit, Supercharging contrivance with regulation)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Catalyst with suspension, DPF)
Melamine (typically used in coatings, inks, resins and polymers)	Drive Assistance (Adaptive cruise control) Electronic (High voltage charging electronics, Switch, sensor) Entertainment and Navigation (Central display and control unit) Interior (Front door trim panel with armrests, Front seats) Powertrain (Fuel tank with filler pipe) Wheels and tires (Car wheels)
Cobalt(II) sulphate (typically for surface treatment)	Body (Window mechanism with electrical control in rear door)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Powertrain (Coolants lines)
Bumetrizole (typically as plasticizer for production of polymers and paints)	Body (External fittings, Sealings, Side window in body electrically operated, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Brake control (Hydraulic system)) E-Drive (Drive for window lifter) Electronic (Front lamp cluster) Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Ecu box/mounting)
Bi(s(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Fuel tank with filler pipe, Supercharging contrivance with regulation)
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Electronic (Front lamp cluster)
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, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings, External fittings) Chassis (Steering column) Communication (Off-hands mobile communication) Electronic (Front lamp cluster, Inner lights, Rear light cluster, Switch, sensor) Entertainment and Navigation (Central display and control unit, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Headlining, Instrument panel)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Chassis (Anti-block system) Drive Assistance (Rear view camera) Electronic (Control units, moduls) Interior (Mirrors, sun visors, ashtrays, trays)
Bi(s(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Electronic (Horn)
2-(diethylamino)-2-((4-methylphenyl)methyl)-1-(4-morpholin-4-yl)phenylbutan-1-one (typically as plasticizer for production of polymers and paints)	Electronic (Inner lights)

Le informazioni su materiale e contenuto delle sostanze fornite nel presente documento si basano sulle nostre conoscenze e in particolare su dati provenienti dai nostri fornitori. Informazioni addizionali determinati composti organici sono incorporati in strutture di vetro e ceramica che modificano le loro proprietà individuali di sostanze e i loro obblighi di comunicazione previsti da REACH. Una situazione simile può verificarsi per determinati precursori che sono legali in polimeri.