

BMW X4 (DATE 11/2024)	
<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 listées 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 position 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 33 du règlement 1907/2006 du Conseil 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)	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)	Wheels and tires (Car wheels)
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, Window mechanism with electrical control in rear door) Electronic (Control units, modules) Entertainment and Navigation (Anti-theft device) Interior (Front seats) Powertrain (Transfer box)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Chassis (Steering column) Electronic (Cable harness, Control units, modules, Switch, sensor)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Entertainment and Navigation (Antenna, Radio, amplifier, CD-player, Video and tv-sets) Powertrain (Exhaust gas recirculation, Thermostat and engine mounted cooling lines)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Powertrain (Exhaust pipe with catalyst or complete system, DPF)
Bis[α,ω-dimethylbenzyl] peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Airbags) Communication (Off-hands mobile communication) Electronic (Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Air guides, Boot lid latch, locks and fittings) Chassis (Brake control (Hydraulic system), Front axle suspension, Pedals, Rear axle differential, Rear wheel brakes, Steering column) Heating and air conditioning (Air conditioner) 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 filter pipe, Injection control unit, Selective catalytic reduction technology, Sensor for injection control unit, Thermostat and engine mounted cooling lines, Vacuum pump) Powertrain/Chassis (Board equipment)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Bodyshell, Colours, paints and basic material, Sealings)
Silicic acid, lead salt (typically for production of glass and ceramics)	Body (Air guides) Chassis (Anti-block system, Brake boosters, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Distance warning systems, Heading control) Electronic (Control units, modules, Front lamp cluster, Instrument cluster, Switch, sensor)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Entertainment and Navigation (Antenna, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Front seats) Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, 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)	Electronic (Head-up Display)
Decamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Body (Air guides) Chassis (Anti-block system) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Control units, modules, Front lamp cluster, Instrument cluster, Switch, sensor) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Coolant pump with drive, Exhaust gas recirculation, Fuel tank with filler pipe, Injection control unit, Variable valve train)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Boot lid latch, locks and fittings) Electronic (Windshield-washer unit) Powertrain (Starter with mount)
N,N-Dimethylacetamide (typically as process solvent in polymer production)	Drive Assistance (Radio-controlled locking system) Powertrain (Oil cooler lines, Oil filter and lines, Supercharging contrivance with regulation) Wheels and tires (Car wheels)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Coolant pump with drive, Exhaust gas recirculation) Wheels and tires (Car wheels)
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (typically as plasticizer for production of polymers)	Body (Boot lid latch, locks and fittings) Chassis (Brake control (Hydraulic system), Front axle suspension, Front wheel brakes) Powertrain (Carbon canister ventilation, Propeller shaft, rear)
Tris(4-nonylphenyl) branched and linear phosphite, TNPP (typically for production of polymers and rubbers)	Electronic (Side lamps, reflectors)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Body (Safety belts) Chassis (Steering column) Drive Assistance (Radio-controlled locking system) Heating and air conditioning (Heater with control, seat heating) Powertrain (Selective catalytic reduction technology)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Body (Windshield and rear window)
Melamine (typically used in coatings, inks, resins and polymers)	Powertrain (Propeller shaft, rear)
Cobalt(II) sulphate (typically for surface treatment)	Body (Bumper rear, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Self-leveling elements for hydropneumatic system, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control)
Bumetizole (typically as plasticizer for production of polymers and paints)	Electronic (Control units, modules, Head-up Display, Inner lights, Instrument cluster, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Antenna, Radio, amplifier, CD-player) Heating and air conditioning (Auxiliary heater with control elements) Interior (Front seats, Mirrors, sun visors, ashtrays, trays, Sliding roof) Powertrain (Automatic transmission, Exhaust gas recirculation, Exhaust pipe with catalyst or complete system, DPF, Intake manifold, Sensor for injection control unit, Supercharging contrivance with regulation, Switch and relays)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Powertrain (Exhaust gas recirculation)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (Bumper front, Bumper rear) Chassis (Steering column) Communication (Off-hands mobile communication) Electronic (Brake lights, Front lamp cluster, Inner lights, Rear light cluster, Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Heater with control, seat heating, Nozzles, flow-out organs) Interior (Front door trim panel with armrests, Instrument panel, Rear door trim panel with armrests)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Electronic (Switch, sensor)
Dioctyltin dilaurate (typically for production of polymers, coating products, adhesives and sealants)	Entertainment and Navigation (Radio, amplifier, CD-player) Powertrain (Thermostat and engine mounted cooling lines)
S-(Tricyclo(5.2.1.0 <sup>2,6</sup> )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)	Electronic (Hom) Powertrain (Automatic transmission)
<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>	