

BMW X7 (DATE 11/2024)	
<p>Le BMW Group soustrait 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, dès lors 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 saines de l'environnement 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.</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 3(3) 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 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 plusieurs composants en petites quantités, 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)
2-Ethoxyethyl acetate (typically for production of paints and polymers)	Body (Underside panelling, Shielding engine bay/exhaust system)
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-Propanesulfonate (typically as electrolyte in batteries)	Wheels and tires (Car wheels)
1-Methyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Electronic (Rear light cluster) Powertrain (Engine cooler with mounting)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Bodyshell, Boot lid latch, locks and fittings) Electronic (Inner lights and alternative unified partial groups) Entertainment and Navigation (Anti-theft device, Loudspeaker and cover) Powertrain (Thermostat and engine mounted cooling lines, Transfer box) Chassis (Steering column)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Electronic (Cable harness, Side lamps, reflectors, Switch, sensor) Entertainment and Navigation (Antenna) Powertrain (Exhaust gas recirculation)
Bis(α,α-dimethylbenzyl) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Body (Boot lid latch, locks and fittings, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings) Chassis (Brake control (Hydraulic system), Rear axle differential, Rear wheel brakes, Steering column) Electronic (Windshield wipers) Heating and air conditioning (Air conditioner) Powertrain (Coolant pump with drive, Coolants lines, Engine suspension, Exhaust pipe with catalyzer or complete system, DPF, Exhaust suspension, Expansion tank, Intake silencer, Oil cooler lines, Selective catalytic reduction technology, Starter cable, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines) 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, Bonnet latch, locks and fittings, Colours, paints and basic material, External fittings) Electronic (Power distribution box, Jumper cable supports)
	Body (Air guides, Coverings rocker panel/wheelhouse, Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings) Chassis (Anti-block system, Self-levelling elements for hydropneumatic system, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Brake lights, Control units, moduls, Front lamp cluster, Head-up Display, Inner lights, Instrument cluster, Rear light cluster, Switch, sensor, Windshield wipers)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Entertainment and Navigation (Airbag-releasing device, Antenna, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays, Rear seats, Sliding roof) 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, Selective catalytic reduction technology, Sensor for injection control unit, Thermostat and engine mounted cooling lines, Variable valve train)
	Body (Air guides) Chassis (Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Front lamp cluster, Windshield wipers) Entertainment and Navigation (Airbag-releasing device, Video and tv-sets) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays, Rear seats) Powertrain (Automatic transmission, Coolant pump with drive, Electronic switching or control devices, Exhaust gas recirculation, Variable valve train)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Electronic (Windshield-washer unit) Interior (Front seats) Powertrain (Starter with mount)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Cable harness) Powertrain (Ignition coil, Injection nozzles and tubing, Transmission wiring harness)
Decamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Body (Bumper rear) Chassis (Front axle suspension) Powertrain (Carbon canister ventilation, Engine sound system)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Interior (Floor, trunk, engine compartment trim, mats, Front door trim panel with armrests, Mirrors, sun visors, ashtrays, trays, Rear door trim panel with armrests)
Dodecamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Engine sound system)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Safety belts) Chassis (Front axle suspension) Electronic (Cable harness) Interior (Insulating panel) Powertrain (Carbon canister ventilation, Coolant pump with drive, Ignition coil, Injection nozzles and tubing, Selective catalytic reduction technology, Transmission wiring harness)
N,N-Dimethylacetamide (typically as process solvent in polymer production)	Body (Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings) Chassis (Anti-block system, Self-levelling elements for hydropneumatic system electrical components, Steering column) Drive Assistance (Heading control) Electronic (Inner lights, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Antenna) Heating and air conditioning (Auxiliary heater with control elements) Interior (Additional seat row, Front seats, Mirrors, sun visors, ashtrays, trays, Rear seats, Sliding roof) Powertrain (Automatic transmission, Exhaust gas recirculation, Injection nozzles and tubing, Sensor for injection control unit, Supercharging contrivance with regulation)
Nonphenol (typically as dispersing agent in coatings, adhesives and paints)	Heating and air conditioning (Auxiliary heater with control elements) Electronic (Cable harness)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Interior (Front door trim panel with armrests, Mirrors, sun visors, ashtrays, trays)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Chassis (Self-levelling elements for hydropneumatic system)
Aluminosilicate Refractory Ceramic Fibres (typically for heat insulation)	Body (Boot lid latch, locks and fittings, Loose car body components, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Electronic (Auxiliary cable) Entertainment and Navigation (Central display and control unit) Heating and air conditioning (Heater with control, seat heating) Interior (Front door trim panel with armrests, Rear door trim panel with armrests, Rear seats)
Melamine (typically used in coatings, inks, resins and polymers)	Powertrain (Supercharging contrivance with regulation)
Alkanes, C14-17, chloro (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Interior (Instrument panel) Body (Bodyshell)
Bumetrizole (typically as plasticizer for production of polymers and paints)	Body (Bumper front) Communication (Off-hands mobile communication) Electronic (Front lamp cluster, Inner lights, Rear light cluster, Side lamps, reflectors, Switch, sensor) Entertainment and Navigation (Loudspeaker and cover, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating, Nozzles, flow-out organs) Interior (Floor, trunk, engine compartment trim, mats, Front door trim panel with armrests, Front seats, Headlining, Instrument panel, Mirrors, sun visors, ashtrays, trays, Rear door trim panel with armrests, Rear seats)
Bis(4-chlorophenyl)sulfone (typically for production of polymers and rubbers)	Chassis (Anti-block system)
Barium diboron tetraoxide (typically for production of paints and polymers)	Drive Assistance (Rear view camera)
4-Nonylphenol, branched and linear (typically as dispersing agent in coatings, adhesives and paints)	Interior (Front door trim panel with armrests, Instrument panel, Rear door trim panel with armrests)
	Entertainment and Navigation (Video and tv-sets)
2-[2H-benzotriazol-2-yl]-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (Bodyshell)
2-benzyl-2-dimethylamino-4-morpholinobutylprophosphonate (typically for adhesives, sealants, coatings and inks)	
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-5,5-dithia-4-stannatetradecanoate, DOTE (typically for production of paints and polymers)	
2-(dimethylamino)-2-[4-(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one (typically as plasticizer for production of polymers and paints)	
Phenol, methylstyrenated (typically used in adhesives and sealants, coating products, fillers and polymers)	

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.