

BMW X3 (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 utilisées et limitées dans la mesure du possible 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 sont utilisés aux fins prévues et conformément à la notice d'utilisation et que les mesures d'entretien et les réparations sont 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 relève notre désir d'encourager la fabrication, l'usage et l'entretien responsables 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 37 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-Diméthoxyéthane, éthylène glycol diméthyl éther, 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-Méthyl-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'-méthylène-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-Méthyl-1-(4-méthylphényl)-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-Méthylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Entertainment and Navigation (Anti-theft device)
4,4'-Isopropylidène-diphénol (typically for production of polymers and resins)	Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Air conditioner)
Bis(α,α-diméthylbenzyl) peroxyde (typically used for production of polymers and as a processing aid and cross-linker in polymers)	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) 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)
Diazène-1,2-dicarbamide, 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)
Boric acid (typically for production of glass and ceramics and as flame retardant)	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 box, Variable valve train)
Decaméthylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Starter with mount) 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)
Dodecaméthylcyclohexasiloxane (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)
Octaméthylcyclohexasiloxane (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-nonylphényl, 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) Chassis (Anti-block system) Drive Assistance (Heading control) Electronic (Switch, sensor)
2,2',6,6'-tétrabromo-4,4'-isopropylidène-diphénol (typically as flame retardant and as additive in plastics and resins)	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)
Alumino-silicate Refractory Ceramic Fibres (typically for heat insulation)	Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Catalyst with suspension, DPF) Drive Assistance (Adaptive cruise control)
Melamine (typically used in coatings, inks, resins and polymers)	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) sulfate (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)
Bumetizole (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)
Bis(4-chlorophényl)sulfone (typically for production of polymers and rubbers)	Powertrain (Fuel tank with filler pipe, Supercharging contrivance with regulation)
Diphényl(2,4,6-triméthylbenzoyl)phosphine oxyde (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-tétraméthylbutyl)phénol (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)
2-benzyl-2-diméthylamino-4'-morpholinobutylphénone (typically for adhesives, sealants, coatings and inks)	Electronic (Headlamping, Instrument panel) Chassis (Anti-block system) Drive Assistance (Rear view camera) Electronic (Control units, moduls) Interior (Mirrors, sun visors, ashtrays, trays)
Bis(2-(2-méthoxyéthoxy)éthyl)éther, tétrajyme (typically as process solvent)	Electronic (Horn)
2-(diméthylamino)-2-[(4-méthylphényl)méthyl]-1-[4-(morpholin-4-yl)phényl]butan-1-one (typically as plasticizer for production of polymers and paints)	Electronic (Inner lights)
<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 indicateurs venant de notre chaîne d'approvisionnement. Information complémentaire : Certains oxydes inorganiques 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 concentration sensible peut se produire pour des substances de départ qui sont liées dans le polymère.</p>	