

BMW XM (DATE 04/2023)

The BMW Group is committed to sustainable principles and is therefore taking proactive measures to avoid certain chemicals in the production of our vehicles. Due to that only substances that are technically required in the product are still contained. The substances are incorporated in such a way that potential exposure to the customers is minimised, and danger for humans or the environment can be excluded as long as the vehicle and its parts are used as intended, and any repairs, servicing and maintenance are carried out following technical instructions for those activities, and industry standard good practices. Safe use of the product is described in the owner manual that is consistent with our own commitment to promote the responsible manufacturing, handling and use of our products. Our information on repair and servicing of vehicles and genuine parts also includes safe use information for service personnel. An end-of-life vehicle may only be disposed of legally in the European Union at an Authorised Treatment Facility (ATF). Vehicle parts should be disposed in accordance with locally applicable laws and local authority guidance.

Communication of information according to Article 33 REACH

This product is composed of articles defined under Article 3(3) of the Regulation No. 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Any supplier shall comply with the duty to communicate information on substances in articles in accordance to Article 33. This product, including any article that the product is composed of, does contain substances meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w). We inform that lead (CAS-No. 7439-92-1) is used in almost all products categories, primary as alloying element. Recycled aluminum and metals may contain lead as impurity.

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-Propanesultone (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)
6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol (typically for production of polymers and rubbers)	Entertainment and Navigation (Loudspeaker and cover)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Electronic (Switch, sensor) Entertainment and Navigation (Antenna) Interior (Mirrors, sun visors, ashtrays, trays)
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) Chassis (Rear axle suspension) Electronic (Power distribution box, Jumper cable supports) Interior (Floor, trunk, engine compartment trim, mats, Instrument panel, Side trim panel with armrests)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Door locks, grab handles and front fittings) Chassis (Lateral moment distribution rear axle, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Time-to-line crossing external camera) Electronic (Control units, moduls, Front lamp cluster, Head-up Display, High voltage charging electronics, High-voltage battery individual components, Potential equalization, Rear light cluster, Switch, sensor, Windshield wipers) Entertainment and Navigation (Airbag-releasing device, Antenna, Radio, amplifier, CD-player) Heating and air conditioning (Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Charge air cooler with mounting, Delivery, preparation and content measurement, control units, fuel pump, Electronic switching or control devices, Fuel tank with filler pipe, Injection nozzles and tubing, Intake silencer, Sensor for injection control unit, 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 (Side window in body electrically operated, Windshield and rear window) Chassis (Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Time-to-line crossing external camera) Electronic (Front lamp cluster, High voltage charging electronics, Potential equalization, Windshield wipers) Entertainment and Navigation (Airbag-releasing device) Heating and air conditioning (Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Electronic switching or control devices, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Windshield-washer unit) Interior (Front seats)
Decamethylcyclotrasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Control units, moduls, High-voltage battery individual components) Powertrain/Chassis (Board equipment)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Body (Bodyshell) Electronic (Rear light cluster)
Dodecamethylcyclotrasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Control units, moduls, High-voltage battery individual components) Powertrain (Carbon canister ventilation, Sensor for injection control unit) Powertrain/Chassis (Board equipment)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Bumper rear)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Body (Safety belts) Electronic (High voltage charging electronics, High-voltage battery individual components) Heating and air conditioning (Heater with control, seat heating) Powertrain (Carbon canister ventilation) Powertrain/Chassis (Board equipment)
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene, "Dechlorane Plus"™ (typically as flame retardant)	Heating and air conditioning (Heater with control, seat heating)
Melamine (typically used in coatings, inks, resins and polymers)	Communication (Off-hands mobile communication) Electronic (High voltage charging electronics, High-voltage battery individual components) Interior (Front door trim panel with armrests, Mirrors, sun visors, ashtrays, trays)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Communication (Off-hands mobile communication) Electronic (Switch, sensor)
Potassium 1,1,2,2,3,3,4,4,4-nonfluorobutane-1-sulfonate (typically as flame retardant in polycarbonate)	Communication (Off-hands mobile communication)

The information provided in this document related to material and substance content represents our knowledge and belief, which may be based in whole or in part on available information provided by suppliers to us. Additional Information: Certain inorganic oxides are bound in glass or ceramic matrices that change their individual substance properties as well as their communication duties under REACH. Similar changes occur with certain precursors that are bound in polymers.