

MINI COUNTRYMAN F60 (DATE 11/2023)	
<p>Le BMW Group soutient au principe fondamental 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 long terme peut être exclu sans toute probabilité. Cela inclut que le véhicule et les pièces sont 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 l'environnement de nos produits. Nos notices et informations concernent la réparation et les tâches d'entretien ainsi que les pièces de rechange d'origine BMW comportent en outre des informations 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>	
<p>Mise à disposition d'informations en vertu de l'article 33 du règlement REACH</p> <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, conforme 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 499-82-1) 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)
2-Ethoxyethyl acetate (typically for production of paints and polymers)	Interieur (Front seats)
1,2-Diméthoxyéthane, éthylène glycol diméthyl éther, 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-Méthyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Chassis (Steering column)
6,6'-Di-tert-butyl-2,2'-méthylène-di-p-cresol (typically for production of polymers and rubbers)	Body (Window mechanism with electrical control in front door) Powertrain (Fuel tank with filler pipe)
2-Méthyl-1-(4-méthylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Electronic (Cable harness, High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player) Heating and air conditioning (Heater with control, seat heating) Interieur (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Exhaust gas recirculation, Thermostat and engine mounted cooling lines)
2-Méthylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Electronic (High voltage charging electronics) Entertainment and Navigation (Central display and control unit) Powertrain (Exhaust pipe with catalyzt or complete system, DPF)
4,4'-Isopropylidène-diphénol (typical for production of polymers and resins)	Electronic (High voltage charging electronics, Instrument cluster) Powertrain (Control Hybrides/E-drive)
Diazène-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bonnet latch, locks and fittings, Sealings) Entertainment and Navigation (Loudspeaker and cover) Interieur (Floor, trunk, engine compartment trim, mats, Mirrors, sun visors, ashtrays, trays)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Bonnet latch, locks and fittings) Chassis (Anti-block system, Brake boosters, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Park assistent) Electronic (Control units, moduls, Front lamp cluster, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Inner lights, Instrument cluster, Rear light cluster, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Antenna, Video and tv-sets) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements, Heater with control, seat heating) Interieur (Mirrors, sun visors, ashtrays, trays, Sliding roof) Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Control Hybrides/E-drive, Double clutch transmission, Electronic switching or control devices, Fuel tank with filler pipe, Injection control unit, Preheating relay, Selective catalytic reduction technology, Sensor for injection control unit, Thermostat and engine mounted cooling lines, Variable valve train, Ventilation, evaporation emission control)
Silicic acid, lead salt (typically for production of glass and ceramics)	Electronic (Control units, moduls, Front lamp cluster, Instrument cluster) Heating and air conditioning (Heater with control, seat heating) Chassis (Anti-block system, Steering column) Communication (Off-hands mobile communication) Electronic (High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Entertainment and Navigation (Airbag-releasing device, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interieur (Mirrors, sun visors, ashtrays, trays, Sliding roof) Powertrain (Automatic transmission, Fuel tank with filler pipe, Injection control unit, Manual transmission, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Body (Boot lid latch, locks and fittings) Heating and air conditioning (Heater with control, seat heating)
Decaméthylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Electronic (Potential equalization) Powertrain (Engine cooler with mounting, Oil filter and lines)
Dibutyl phthalate, DBP (typically as plasticizer for production of polymers)	Electronic (Switch, sensor)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Engine cooler with mounting)
Dodecaméthylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Chassis (Brake boosters) Electronic (Potential equalization) Body (Boot lid latch, locks and fittings)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Chassis (Front axle suspension) Electronic (Potential equalization, Windshield wipers) Body (Windshield and rear window)
N,N-Diméthylacetamide (typically as process solvent in polymer production)	Powertrain (Alternator with drive and mountings, Oil pressure, -temperature, oil level indicator)
Nonylphénol (typically as dispersing agent in coatings, adhesives and paints)	Heating and air conditioning (Air and water lines) Powertrain (Automatic transmission) Chassis (Brake boosters) Communication (Off-hands mobile communication)
Octaméthylcyclo-tetrasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Switch, sensor) Interieur (Mirrors, sun visors, ashtrays, trays) Powertrain (Control Hybrides/E-drive, Engine cooler with mounting, Exhaust gas recirculation, Selective catalytic reduction technology, V-ribbed belt with tensioner and deflection)
Terphenyl, hydrogenated (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Powertrain (Control Hybrides/E-drive)
Tris(4-nonylphényl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Body (External fittings, Window mechanism with electrical control in rear door) Chassis (Rear wheel brakes) Interieur (Sliding roof)
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1.6,9.02.13.05,10]octadeca-7,15-diene, "Dechlorane Plus™" (typically as flame retardant)	Body (Windshield and rear window) Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player)
2,2',6,6'-tétrabromo-4,4'-isopropylidène-diphénol (typically as flame retardant and as additive in plastics and resins)	Body (Boot lid latch, locks and fittings) Drive Assistance (Distance warning systems) Electronic (High-voltage accumulator system, High-voltage battery individual components, Instrument cluster) Powertrain (Control Hybrides/E-drive, Manual transmission)
2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphénol, UV-328 (typically for production of UV-absorbing polymers and coatings)	Electronic (Instrument cluster)
Melamine (typically used in coatings, inks, resins and polymers)	Electronic (Cable harness, High voltage charging electronics) Interieur (Front door trim panel with armrests, Front seats)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Interieur (Insulating panel)
Bis(4-chlorophényl)sulfone (typically for production of polymers and rubbers)	Powertrain (Exhaust gas recirculation)
Lead titanium trioxide (typically as constituent of electronic components)	Powertrain (Fuel tank with filler pipe)
Diphényl(2,4,6-triméthylbenzoyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Electronic (High voltage charging electronics) Heating and air conditioning (Heater with control, seat heating) Interieur (Mirrors, sun visors, ashtrays, trays)
4-(1,1,3,3-Tétraméthylbutyl)phénol, éthoxylated (typically as dispersing agent in coatings, adhesives and paints)	Powertrain (Exhaust controls)
2-benzyl-2-diméthylamino-4-morpholinobutylphénone (typically for adhesives, sealants, coatings and inks)	Powertrain (Control Hybrides/E-drive, Thermostat and engine mounted cooling lines)
Lead titanium zirconium oxide (typically as constituent of electronic components)	Electronic (Switch, sensor) Entertainment and Navigation (Airbag-releasing device)
2-Ethylhexyl 10-éthyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannate-tridécanoate, DOTE (typically for production of paints and polymers)	Electronic (Control units, moduls)
Bis(2-(2-méthoxyéthoxy)éthyl)éther, tétraglyme (typically as process solvent)	Electronic (Hom, Instrument cluster)
2,3-dibromo-1-propanol, 2,3-DBPA (typically as an intermediate in the manufacture of fine chemicals)	Powertrain (Control Hybrides/E-drive)
S-(Tricyclo(5.2.1.0 ^{2,6})deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-éthylhexyl) O-(isopropyl or isobutyl or 2-éthylhexyl) phosphorodithioate (typically used in lubricants)	Powertrain (Vacuum pump)

Este documento contiene informaciones relativas al material y el contenido basadas en observaciones propias, y sobre todo, en información procedente de nuestra cadena de suministro. Información adicional: Algunos datos anorgánicos están integrados en las estructuras de vidrio o cerámica lo que modifica las características específicas así como la clasificación según REACH. Se puede producir una constelación parecida con sustancias integradas en el polímero.