

**PRODUCT NAME G32 (DATE 04/2018)**

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).

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 (as process solvent and for surface treatment)	Wheels and tires (Car wheels)
1,3-propanesultone (as electrolyte in batteries)	Wheels and tires (Car wheels)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, UV-328 (for production of UV-adsorbing polymers and coatings)	Interieur (Instrument panel) Powertrain (Propeller shaft, rear)
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol, UV-327 (for production of UV-adsorbing polymers)	Interieur (Floor, trunk, engine compartment trim, mats) Body (Boot lid latch, locks and fittings)
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate, DOTE (for production of paints and polymers)	Body (Colours, paints and basic material, Loose car body components)
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (as dispersing agent in coatings, adhesives and paints)	Powertrain (Selective catalytic reduction technology)
4-Nonylphenol, branched and linear, ethoxylated (as dispersing agent in coatings, adhesives and paints)	Heating and air conditioning (Heater with control, seat heating)
Aluminosilicate Refractory Ceramic Fibres (for heat insulation)	Heating and air conditioning (Auxiliary heater with control elements) Powertrain (Catalyst with suspension)
Cobalt(II) carbonate (as additive in magnets for electronic assemblies)	Powertrain (Engine cooler with mounting)
Diazene-1,2-dicarboxamide, ADCA (as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell, Bonnet latch, locks and fittings, Colours, paints and basic material, Window mechanism with electrical control in rear door) Electronic (Control units, moduls)
Diboron trioxide (for glass production of borosilicate and crystal glass)	Drive Assistance (Distance warning systems, Time-to-line crossing external camera) Interieur (Front seats, Mirrors, sun visors, ashtrays, trays)
Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene, "Dechlorane Plus" <sup>™</sup> (as flame retardant)	Heating and air conditioning (Heater with control, seat heating)
Imidazolidine-2-thione, 2-imidazoline-2-thiol (for production of polymers and rubbers)	Chassis (Front axle suspension, Front wheel brakes) Heating and air conditioning (Auxiliary heater with control elements) Interieur (Front seats)
Lead monoxide, lead oxide (as constituent of electronic components)	Drive Assistance (Adaptive cruise control, Distance warning systems, Time-to-line crossing external camera) Electronic (Fog lamps, additional lamps, Horn, Switch, sensor) Heating and air conditioning (Heater with control, seat heating) Interieur (Front seats) Powertrain (Carbon canister ventilation, Oil pressure, -temperature, oil level indicator, Sensor for injection control unit)
Lead titanium zirconium oxide (as constituent of electronic components)	Powertrain (Injection nozzles and tubing, Selective catalytic reduction technology, Sensor for injection control unit)
N,N-dimethylacetamide (as process solvent in polymer production)	Entertainment and Navigation (Loudspeaker and cover) Interieur (Front seats, Rear seats) Powertrain (Oil pressure, -temperature, oil level indicator, Supercharging contrivance with regulation)

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 as well as certain solvents that are part of contained mixtures in a vehicle.