

## Cummins Gensets

### Introduction

According to Article 33 (Duty to communicate information on substances in articles) of the REACH regulation, *“Any supplier of an article containing a substance 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) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance”*

### Declaration of Use of Candidate List substances in Products

Cummins works actively to avoid and phase out Prohibited Substances in its products. See more information on Prohibited Substances on the [Prohibited Substances](#) page at public.cummins.com.

Under REACH, a Genset is considered a complex object because it is made up of more than one article. On a complex object level, the genset does not contain any Candidate List substance of a concentration above 0.1% by genset weight. However, constituent articles (sub-components) may contain such concentrations.

This declaration covers sub-components for all variants of the engine and reflects the most recent update of the REACH Candidate List before that date.

This declaration lists all Candidate List substances which could be found in concentrations above 0.1% by weight in sub-components. The identified parts are listed by part number, name and information on where to find those parts in the engine, and a reference to the contained substance(s).

### Changes from Previous Issue

No previous issue.

# REACH

## Identified Candidate List Substances Contained in Gensets

Substance ID	Name (en-GB)	Name (en-GB)	CAS Number	EC Number	Date of Inclusion *	Usage
A	Lead	Lead	7439-92-1	231-100-4	27/06/2018	Aftertreatment: electronic contacts, wiring harness, copper wiring Alternator: diode, screw, hybrid glass as part of hybrid ceramic Turbo Charger: Plug sleeves, electronic sensors, bearings, solder Fuel Filter: electronic adaptor Fuel Pump: plug, sleeves, coupling nut and housing Injector: thrust rings, solder Engine: bearings, plugs, pins, bushings, electronics sensors, molded-in inserts, couplings, spacers, thermistors, valves, solder
B	Diboron trioxide	Diboron trioxide	1303-86-2	215-125-8	18/06/2012	Engine: Insulation fiberglass
C	Lead titanium trioxide	Lead titanium trioxide	12060-00-3	235-038-9	19/12/2012	Engine: Heating element in the fuel heater probe
D	Cobalt(II) sulphate	Cobalt(II) sulphate	10124-43-3	233-334-2	15/12/2010	Engine: Screw, Bolt Alternator: Screw
E	Lead monoxide (lead oxide)	Lead monoxide (lead oxide)	1317-36-8	215-267-0	19/12/2012	Engine: sensor rods, electronic sensors, housing assembly
F	Cadmium	Cadmium	7440-43-9	231-152-8	20/06/2013	Engine: Cable harness sensor Turbo: speed sensor sleeve, hex nut
G	Boric acid	Boric acid	10043-35-3	233-139-2	18/06/2010	Engine: head screw
H	Imidazolidine-2-thione (2-imidazoline-2-thiol	Imidazolidine-2-thione (2-imidazoline-2-thiol	96-45-7	202-506-9	16/12/2013	Alternator: Cap
I	N,N-dimethylacetamide	N,N-dimethylacetamide	127-19-5	204-826-4	19/12/2011	Alternator: Aramid paper
J	Decabromodiphenylether	Decabromodiphenylether	1163-19-5	214-604-9	19/12/2012	Turbo: Cooling body harness
K	Cobalt(II) dinitrate	Cobalt(II) dinitrate	10141-05-6	233-402-1	15/12/2010	Fuel Filter: Adaptor
L	Lead-titanium-trioxide	Lead-titanium-trioxide	12060-00-3	235-038-9	19/12/2012	Injector Doser: Heating Element

# REACH

## Identified Sub-Components Contained in Gensets

Substance concentration of 0.1% by weight is exceeded in the parts and/or components denoted using curved brackets (e.g. {Flange bearing 3850-0134477-000 (285888916)}). Cummins Node numbers are provided as a unique identifier for that component and are identified using parentheses inside the curved brackets.

ID	Path to Sub-Parts Containing Substances in Engine	Substance ID
1	[Engine][Block, Cylinder] {Flange bearing 3850-0134477-000 (285888916)}	A
2	[Engine] [ Block, Cylinder] {Bearing, Main (453999358)}	A
3	[Engine] [ Block, Cylinder] {Plug, Threaded (160926965)}	A
4	[Engine] [ Block, Cylinder] {Plug, Threaded M14 x 1,5 (743007023)}	A
5	[Engine] [ Block, Cylinder] {Plug, Threaded M10 x 1 (469221560)}	A
6	[Engine] [Block, Cylinder] {18mm x 10mm Hwl / Dwl Pin L/C Dec Plain (87602431)}	A
7	[Engine] [Block, Cylinder] {16.052mm x 10mm Hwl/Dwl Pin L/C Dec Plain (496940469)}	A
8	[Engine] [Block, Cylinder] {Bushing, camshaft (756794397)}	A
9	[Engine] [Aid, COO Heater Starting] [5309425 750W - 120V "B" 3/4" NPTF] [ASMD 750W - 120v 5.750 .031 cu] {3/4" NPT H.D. EL Adapter (442267490)}	A
10	[Engine] [Damper, Vibration] {M6 x 24mm Dowel Pin (511539173)}	A
11	[Engine] [Thermostat] [Thermostat Assembly] {Thermal Element Assembly (237048418)}	A
12	[Engine] [Recirculation, Exhaust] [Sensor, Pressure] {Electronics Module Assembly (767779016)}	A
13	[Engine] [Recirculation, Exhaust] [Sensor, Pressure] [Electronics Module Assembly] {Resistor (767779016)}	A
14	[Engine] [Recirculation, Exhaust] [Cummins EGR Valve Nighthawk] [Cover Assembly] [Stem Guide] {Bushing Assembly (598849897)}	A
15	[Engine] [Location, Fuel Filter] [Module Liquid Filtration] [Module, Liquid Filtration] [Module, Liquid Filtration] [MY2019 Housing Assembly] {Diesel Fuel Heater Probe}	A

16	[Engine] [Location, Fuel Filter] [Module Liquid Filtration] [Module, Liquid Filtration] [Module, Liquid Filtration] [MY2019 Housing Assembly] {Insert, SPIROL (753987645)}	A
17	[Engine] [Pump, Fuel] {Support, Fuel Pump (764988363)}	A
18	[Engine] [Pump, Fuel] [Pump, Fuel] [Assembly housing] {Bushing (763065953)}	A
19	[Engine] [Pump, Fuel] [Pump, Fuel] [Assembly Flange] {Headed Bush (763065953)}	A
20	[Engine] [Pump, Fuel] [Pump, Fuel] [Metering Unit] [Assembly magnetic housing] {Bushing (763065953)}	A
21	[Engine] [Pump, Fuel] [Pump, Fuel] [Metering Unit] {Assembly Armature and additional parts (763065953)}	A
22	[Engine] [Pump, Fuel] [Pump, Fuel] {Gear Pump (763065953)}	A
23	[Engine] [Plumbing, Fuel] [Connector, QCK Disconnect with O Ring] {Connector, Quick Disconnect (477855053)}	A
24	[Engine] [Plumbing, Cabin Heater] {Coupling, Plain Hose (484383826)}	A
25	[Engine] [Connection, Air Intake] [ACV 80mm SST Dragon CC] {ACT Housing (723163562)}	A
26	[Engine] [Connection, Air Intake] [ACV 80mm SST Dragon CC] [Motor] {Spacer (723163562)}	A
27	[Engine] [Connection, Air Intake] [ACV 80mm SST Dragon CC] [Motor] {SLEEVE (723163562)}	A
28	[Engine] [Connection, Air Intake] [ACV 80mm SST Dragon CC] [Motor] {SHAFT (723163562)}	A
29	[Engine] [Connection, Air Intake] [ACV 80mm SST Dragon CC] [Motor] {Busing Housing (723163562)}	A
30	[Engine] [Cooler, Engine Oil] [Relief Valve] {Valve Body (88139070)}	A
31	[Engine] [Cooler, Engine Oil] {Plunger, PRS Regulator (80489272)}	A
32	[Engine] [Cooler, Engine Oil] [Head, Lube Oil Filter Assembly] {Head Lube Oil Filter (759500964)}	A
33	[Engine] [Module, Engine Control] [pressure Sensor TMAP C15] [Resistor Carrier] [NTC] {NTC Thermistor (711804866)}	A
34	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [module assy FMR CM2450B] {REC019 pcb botMAN FMR CM2450B03 (753597123)}	A

35	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [FET/NVTFSS5826NL&SQ7414AENW,PPAK_3x3_] {Power MOSFET 60V 20A 24mOhm Single N-Channel u8FL Logic Level (753597123)}	A
36	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [r jump, 0r05, 100Mw,1a,0603] {koa Resistor (753597123)}	A
37	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [R LIN,2K,1%,TK100,250mW,1206] {KOA Resistor (753597123)}	A
38	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [R LIN,2K,1%,TK100,250mW,1206] {KOA Resistor (753597123)}	A
39	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [R LIN,3K,1%,TK100,750mW,0612,SMD] {KOA Resistor (753597123)}	A
40	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [R LIN,10K,1%,TK100,250mW,1206] {KOA Resistor (753597123)}	A
41	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [R LIN,10K,1%,TK100,250mW,1206] {KOA Resistor (753597123)}	A
42	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [REC019_Carrier 00000A2C7504990800] {272.5g PCB Standard - lead-free - 8e (753597123)}	A
43	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [Module Assy FMR CM2450B] [REC019 pcb botMAN FMR CM2450B03] [REC019_Carrier 00000A2C7504990800] {272.5g PCB Standard - lead-free - 8e (753597123)}	A
44	[Engine] [Module, Engine Control] [Temp. Sensor] {Brass Housing 401-592-00 (735917227)}	A
45	[Engine] [Module, Engine Control] [Temp. Sensor] {Thermistor assy 803-147-02 (735917227)}	A
46	[Engine] [Turbocharger] [ID21 Turbocharger HE300VG V03] [ID17 Turbocharger HE300VG V02] [Actuator-Tur_Electric] [Lysander 12V w/out Port Actuator] {Housing (w/o Port) (765075544)}	A
47	[Engine] [Turbocharger] [ID21 Turbocharger HE300VG V03] [ID17 Turbocharger HE300VG V02] [Actuator-Tur_Electric] [Lysander 12V w/out Port Actuator] {DP4 Bearing (765075544)}	A

48	[Engine] [Turbocharge] [ID21 Turbocharger HE300VG V03] [ID17 Turbocharger HE300VG V02] [Turbocharger] [Housing Compressor Permanent Assembly] {Housing Compressor (686997826)}	A
49	[Engine] [Turbocharger] [ID21 Turbocharger HE300VG V03] [ID17 Turbocharger HE300VG V02] [Turbocharger] [Housing Compressor Permanent Assembly] {Baffle Turbocharger Noise (686997826)}	A
50	[Engine] [Turbocharger] [ID21 Turbocharger HE300VG V03] [ID17 Turbocharger HE300VG V02] [Turbocharger] [Core-Turbocharger] {Bearing TUR THRUST (546304019)}	A
51	[Engine] [Turbocharger] [ID21 Turbocharger HE300VG V03] [ID17 Turbocharger HE300VG V02] [Speed Sensor] {VR Sensor System (697449409)}	A
52	[Engine] [Turbocharger] [ID21 Turbocharger HE300VG V03] [ID17 Turbocharger HE300VG V02] {Speed Sensor (697449409)}	A
53	[Engine] [Plumbing, Injector] [Connector, INJ Fuel Supply] {Edge-Type Filter / Stabfilter (761607145)}	A
54	[Engine] [Plumbing, Injector] [Common Rail] {Pressure Regulating Valve PCV3-20K (687819985)}	A
55	[Engine] [Plumbing, Injector] [Common Rail] [HIGH PRESSURE SENSOR] {Electronical Parts (687819985)}	A
56	[Engine] [Piston, Engine] [Connecting Rod - Assembly] {Bushing - CONN ROD (695584822)}	A
57	[Engine] [Piston, Engine] {Bearing, Connecting Rod (759308918)}	A
58	[Engine] [Piston, Engine] [Piston Cooling Nozzle] {Steel Bushing (293474809)}	A
59	[Engine] [Injector] [CRIN - Common Rail Injector] {Magnetgruppe (764124371)}	A
60	[Engine] [Injector] [CRIN - Common Rail Injector] {Kleinteile (764124371)}	A
61	[Engine] [Lever, Rocker] [Rocker Lever Housing Assy] [Rocker Lever Housing Assy] {Rocker Lever House (755591657)}	A
62	[Engine] [Vent, Engine Coolant] [Reducing Pipe Adapter] {Adapter Reducing Pipe (159535912)}	A
63	[Engine] [Motor Starting] [Starter Motor] {Frame, Starter End (699204657)}	A
64	[Engine] [Motor Starting] [Starter Motor] [Clutch Assy, W/Housing] [Switch Assy, Magnetic] {Case, Bearing, Center (699204657)}	A

65	[Engine] [Motor Starting] [Starter Motor] [Clutch Assy, W/Housing] [Housing Assy, Starter] {Bush, Starter Housing (699204657)}	A
66	[Engine] [Motor Starting] [Starter Motor] [Clutch Assy, W/Housing] [Housing Assy, Starter] {Housing, Starter (699204657)}	A
67	[Engine] [Plumbing, Turbocharger] [Connector Female] {Connector, Female (623922369)}	A
68	[Engine] [Arrangement, Valve Cover] [Gasket -Integrated Wiring] [Pin Pack Assembly] {Captive Nut M4x0.7mm (620363044)}	A
69	[Engine] [Pump, Water] [Water Pump] {Corpo Pompa (756969411)}	A
70	[Engine] [Pump, Water] [Water Pump] [Plastic Impeller] {Bushing (756969411)}	A
71	[Engine] [Harness, Etr Mdl Cnt Wrg] [THUNDERBOLT] [ASM MOUN BRACKET HARN] {MOUN COLLAR (755764083)}	A
72	[Engine] [Harness, Etr Mdl Cnt Wrg] [THUNDERBOLT] {Term F W/P SN Sealed Tang (755764083)}	A
73	[Engine] [Plumbing, Exh Rcn Air] [Tube, Air Transfer] [Insulation, Tube] {Vitriherm Fiberglass (531722075)}	B
74	[Engine] [Location, Fuel Filter] [Module, Liquid Filtration] [Module, Liquid Filtration] [MY2019 Housing Assembly] [Diesel Fuel Heater Probe / Pocketheizer A 055L 068] {PTC Heating Element/Heizelement (753987645)}	C
75	[Engine] [Module, Engine Control] [ECU FMR CM2450B03-PV2 HW CUM] [module assy FMR CM2450B] {pan head screw (753597123)}	D
76	[Engine] [Harness, Etr Mdl Cnt Wrg] [THUNDERBOLT] {ASM MOUN CLAMP CDT BLK M8 (755764083)}	D
77	[Engine] [Recirculation, Exhaust] [MAF M-P13] [Housing Unit Assy] {Housing Assy (584293082)}	E
78	[Engine] [Recirculation, Exhaust] [Sensor, Pressure] [CSE] {Glass Sealing & Rods (767779016)}	E
79	[Engine] [Recirculation, Exhaust] [Sensor, Temperature] [ERT Sensor 97211] {Thermistor (768806329)}	E
80	[Engine] [Module, Engine Control] [5024-0717 TempSen (0310)] {Thermistor (Shibaura: U1-312-S7)}	E
81	[Engine] [Module, Engine Control] {Pressure Sensor TMAP C15 (711804866)}	E
82	[Engine] [module, Engine Control] {Sensor, PRS Temperature (711816416)}	E
83	[Engine] [Turbocharger] [ID21 Turbocharger HE300VG V02] [Speed Sensor] {cable harness (697449409)}	F
84	[Engine] [Plumbing, Injector] {M8 x 1.25 6g x 45mm HEX FLANGE HEAD SCREW (765649849)}	G

ID	Path to Sub-Parts Containing Substances in Aftertreatment	Substance ID
1	[Device, Aftertreatment] [Device, Aftertreatment] [EPA15-Bracket Support] [Nox SNS141A] [NOS A0] [Cable Harness NOx-Gen 3 incl. Sub assy NOSA0] [Modul-Ara-housing cpl. Assembled NOSA0] [Module - Housing with the contact carrier] [Module-Contact bases splash NOX sensor ag] {ept Kontaktband - Wickelrichtung rechts (1190010701)}	A
2	[Device, Aftertreatment] [Device, Aftertreatment] [EPA15-Bracket Support] [Nox SNS141A] [housing/Gehäuse Cod.A Black] {contact couple (37 9330 0210 99 505)}	A
3	[Device, Aftertreatment] [Device, Aftertreatment] [EPA15-Bracket Support] [wiring Harness] {Pin Contact Size 20 16-18 AWG (133696)}	A
4	[Device, Aftertreatment] [Decomp Reactor SCR S19EO 24 Volt] [Decompreactor] [Dosing Module] [ETI-5-6 DNOX Fuel Injector compact xt (0280158714)]	A
5	[Device, Aftertreatment] [Decomp Reactor SCR S19EO 24 Volt] [Decompreactor] [Dosing Module] {Dosing Module Body (A030P707)}	A

ID	Path to Sub-Parts Containing Substances in Alternator	Substance ID
1	[Alternator 22SI 12V 130A] [SRE Frame & Stator ASM P] [Rectifier Bridge ASM] {Flex Diode 60A LV (C/C; Positive); Remy (10511355)}	A
2	[Alternator 22SI 12V 130A] [SRE Frame & Stator ASM P] [Rectifier Bridge ASM] {Flex Diode 60A LV (C/C; Negative); Remy (10511356)}	A
3	[Alternator 22SI 12V 130A] [SRE Frame & Stator ASM P] {10A4G-F Axial Diode (10A6S)}	A
4	[Alternator 22SI 12V 130A] [SRE Frame & Stator ASM P] [Regulator Specification] {substrate assy (CR392-443_1)}	A
5	[Alternator 22SI 12V 130A] {Stick Screw (10488604)}	A
8	[Alternator 22SE 12V 130A] [SRE FRAME & STATOR ASM P] {Screw ASM (10475784)}	D
6	[Alternator 22SI 12V 130A] {Cap (1970227)}	H
7	[Alternator 22SE 12V 130A] [SRE FRAME & STATOR ASM P] [Stator ASM] [LAM & Winding ASM] {Paper-Aramid (M2444-007)}	I



ID	Path to Sub-Parts Containing Substances in Turbo Charger	Substance ID
1	[Turbocharger] [ID17 Turbocharger] {Housing, Bearing, HE400VG} [Plug, Expansion] {Sleeve (5351897)}	A
2	[Turbocharger] [ID17 Turbocharger] [VR Speed Sensor] {Core dk=2,7 L=8,20 (304K-64344)}	A
3	[Turbocharger] [ID17 Turbocharger] [Speed Sensor] {Insert (304K-64708)}	A
4	[Turbocharger] [ID17 Turbocharger] {Bearing, Tur Thrust (3592966)}	A
5	[Turbocharger] [ID17 Turbocharger] [Smart Remote Actuator] [General Assembly] [Cover Water Assembly] [Actuator ASM] [Cooling Body Assy] [Circuit Board Assembly] [CBA 28286447_SRA2] {PCB (B7188)}	A
6	[Turbocharger] [ID17 Turbocharger] [Smart Remote Actuator] [General Assembly] [Cover Water Assembly] [Actuator ASM] [Cooling Body Assy] [Circuit Board Assembly] {CBA 28286447_SRA2 (28286447)}	A
7	[Turbocharger] [ID17 Turbocharger] [Smart Remote Actuator] [General Assembly] [Cover Water Assembly] [Actuator ASM] [Cooling Body Assy] [Cooling Body with Adhesive] [Cooling Body with Motor] [Motor Assembly 24V] [Stator ASM Compete - 24V] [Stator ASM w/bering press 24V] [Stator Overmold 24V] [Stator ASM] {Solder ASM 24V (25385064)}	A
8	[Turbocharger] [ID17 Turbocharger] [Smart Remote Actuator] [General Assembly] [Cover Water Assembly] {Cover Water Finish (25381246)}	A
9	[Turbocharger] [ID17 Turbocharger] {Journal Bearing (4035378)}	A
10	[Turbocharger] [ID17 Turbocharger] [Housing Compressor Assembly] {Housing Compressor (5551323)}	A
11	[Turbocharger] [ID17 Turbocharger] [Speed Sensor] {End Sleeve (304K-64686)}	F
12	[Turbocharger] [ID17 Turbocharger] {1/4-28 Hex Nut Stainless Steel (3529372)}	F
13	[Turbocharger] [ID17 Turbocharger] [Smart Remote Actuator] [General Assembly] [Cover Water Assembly] [Actuator ASM] [Cooling Body Assy] [Cooling Body with Adhesive] [Cooling Body with Motor] [Cooling Body with Harness] [Harness ASM] {ACRYL 1620 13mm BLK Bulk Material (1701001303S)}	J

ID	Path to Sub-Parts Containing Substances in Fuel Filter Head	Substance ID
1	[Fuel Filter Head] {Adaptor (3944909000)}	A
2	[Fuel Filter Head] {Adaptor (3944909000)}	K

ID	Path to Sub-Parts Containing Substances in Fuel Pump	Substance ID
1	[Fuel Pump, DL 9mm Camlift] [Cummins IMV 10002950] [Cummins IMV] {Washer (381850/01B)}	A
2	[Fuel Pump, DL 9mm Camlift] [Cummins IMV 10002950] [Cummins IMV] {Adjustment Plug (381750)}	A
3	[Fuel Pump, DL 9mm Camlift] [Cummins IMV 10002950] [Cummins IMV] [S/A Sleeve + Spool] {Sleeve (40001695_01F)}	A
4	[Fuel Pump, DL 9mm Camlift] [Cummins IMV 10002950] [Cummins IMV] [S/A Sleeve + Spool] {Spool (40001700_02E)}	A
5	[Fuel Pump, DL 9mm Camlift] [Cummins IMV 10002950] [Cummins IMV] {Moving Armature (40002874)}	A
6	[Fuel Pump, DL 9mm Camlift] [Socket Boss Plug] {Plug, Threaded (3678922)}	A
7	[Fuel Pump, DL 9mm Camlift] [Pump, Fuel] [Pump, Gear Fuel] {Zentrierhulse (598792)}	A
8	[Fuel Pump, DL 9mm Camlift] [Pump, Fuel] [Pump, Gear Fuel] {VS M18x1,5 St Blank (579811)}	A
9	[Fuel Pump, DL 9mm Camlift] [Pump, Fuel] [Pump, Gear Fuel] {DP4-Buchse (579056)}	A
10	[Fuel Pump, DL 9mm Camlift] [Push-in Coupling 12x1,5 - M16] {House (3571376)}	A
11	[Fuel Pump, DL 9mm Camlift] [Push-in Coupling 12x1,5 - M16] [Nut] {Grip Ring (3578052)}	A
12	[Fuel Pump, DL 9mm Camlift] [Push-in Coupling 12x1,5 - M16] [Nut] {Nut (3578064)}	A
13	[Fuel Pump, DL 9mm Camlift] [Body, Fuel Pump 9mm Camlift] [Copy_BODY, FUEL PUMP] [LK 950-060] [LKE-D-575.060] {Hulse LKE-D-575.060 (300122422)}	A
14	[Fuel Pump, DL 9mm Camlift] [Body, Fuel Pump 9mm Camlift] [Copy_BODY, FUEL PUMP] [Plug LK 950-080] {Hulse LKE-D-575-080 (300122424)}	A

ID	Path to Sub-Parts Containing Substances in Injector Doser	Substance ID
1	[Injector, Doser] [Drucktransmitter Typ 518NG] {Stutzring (113730)}	A
2	[Injector, Doser] [Drucktransmitter Typ 518NG] {Print SSC mit Litzen kpl. (116696)}	A
3	[Injector, Doser] [Heater_Heizpatrone_1395_] {Solder wire part HMP dim.3mm (365068.01)}	A
4	[Injector, Doser] [Heater_eizpatrone_1395_] [PTC heating element with metallization] {PTC heating element (601658,01)}	L

## Information on Safe Use of the Substance(s) in the Sub-Components

In general, the Cummins engine manual provides information on the safe handling of Cummins' products. If available to Cummins, specific REACH Art. 33 information on the safe use of sub-components can be found here:

<b>ID</b>	<b>Information on Safe Use</b>
---	No Information Available