



ZELLER + GMELIN

Divinol release agents

for concrete and asphalt



Zeller+Gmelin

The brand with the clear plus

Zeller+Gmelin GmbH & Co. KG is a medium-sized, international, manufacturer of lubricants, printing inks and chemicals. With the headquarter in Eislungen/Fils the company still is family-owned. With our 19 subsidiaries worldwide we are well connected and deliver our high quality products in more than 80 countries.

Understanding + providing solutions – that's what we have been doing for over 150 years – and will keep on doing so in future. Thus, we create a noticeable plus for our customers. For we understand the customer and develop solutions – reliable, flexible and customized.

Divinol release agents have stood for top quality products in the field of concrete release agents, asphalt release agents and mixer protection for over 50 years.

Release agents



Table of Contents

+ Divinol release agents	4
+ Concrete release agents for civil engineering	6
+ Concrete release agents for precast plants	8
+ Mixer protection and formwork waxes	12
+ Asphalt release agents	14
+ Supporting agents	18
+ Application overview	20
+ Locations	22

Please take a look at the current MSDS for all products offered.
The MSDS are always available on demand.



Divinol release agents

Divinol release agents have stood for top quality products in the field of concrete release agents, asphalt release agents and mixer protection for over 50 years.

Constant further development of our products in close cooperation with our customers leads to a wide range of modern, needs-oriented and powerful products.

Our many years of experience in the field of concrete and asphalt release agents, an innovative research and development department and our own production in Germany ensure that you get products from Zeller+Gmelin that correspond to the latest technology and the current environmental and legal requirements.

The product range of Divinol release agents:

- + Divinol concrete release agents ensure the clean separation of formwork and concrete in precast plants as well as in civil engineering.
- + Divinol asphalt release agents reliably prevent bitumen and asphalt from sticking, protect machines and systems in asphalt processing from wear and are environmentally compatible (diesel substitute).
- + Divinol mixer protection prevents rust formation and extends the service life due to the minimal concrete residues on painted parts, i.a. on concrete mixer trucks, concrete pumps and concrete mixing plants.

Convince yourself of the advantages of our products. We are happy to select the right product for your special requirements. Our qualified specialists will advise you on site.



Concrete release agents for civil engineering

Product	Item no.	Application/Description	Viscosity at 20 °C	Solvent based	GIS-Code
Divinol B Classic	08920	Powerful, proven universal release agent. For all non-absorbent or poorly absorbent formwork (phenolic resin, etc.) used in building construction, pre-treated rough wooden formwork and plastic formwork.	20	no	BTM 20
Divinol SYN BE Plus	31860	Environmentally friendly universal release agent, readily biodegradable based on renewable raw materials. Awarded with the Blue Angel according to RAL-UZ 178 and the EU Ecolabel. VOC and labelling free.	15	no	BTM 10
Divinol High Liquid	84810	For GRP formwork shells, polyurethane and for coated formwork panels for high-quality exposed concrete. Low viscosity, for all types of formwork.	9	no	BTM 20
Divinol High Liquid Plus	20890	Easily biodegradable according to OECD 301 B. For high-quality formwork shell types and demanding surfaces.	7	no	BTM 20
Divinol High Liquid Surface	22230	For plastic-coated and all-plastic formwork with polypropylene formwork shell for the production of exposed concrete up to SB 4 with particularly smooth, demanding surfaces. Highest quality product for the construction site – hydrophilic, therefore significant reduction in pores and voids.	9	no	BTM 20
Divinol Plast High Liquid	20650	High quality product for demanding surfaces. For structural molds made of plastic, as well as for high-quality wooden matrices.	7	no	BTM 20
Divinol Tube KS	27820	For vertical steel formwork, for tunnel construction, for concrete pipes with high corrosion protection.	19	no	BTM 20



Concrete release agents for precast plants

Product	Item no.	Application/Description	Viscosity at 20 °C	Solvent based	GIS-Code
Divinol Surface Premium KS	22560	High quality release agent with additional corrosion protection, reducing pores and voids. For heated and unheated steel formwork for very high-quality concrete surfaces.	2	yes	BTM 60
Divinol Rapid	92380	For immediate demoulding, for the production of slatted floors, paving stones, building bricks, pavement slabs. For all types of formwork.	5	yes	BTM 40
Divinol Aqua EM	25170	Emulsion with high-quality corrosion protection, reducing pores and voids. For cavity walls, filigree ceilings well suited for steel formwork and other types of formwork.	–	no	BTM 05
Divinol Aqua EP	32760	Emulsion based on renewable raw material for demanding surfaces in precast factory.	–	no	BTM 05
Divinol Fiberfinish S	23700	For fibre cement materials, chipboard, for heated steel formwork with increased corrosion protection.	19	no	BTM 20
Divinol Aqua CB	20200	Mineral oil-free, ready-to-use board spray emulsion. For wooden shelves for the storage of immediately demolded concrete goods.	–	no	BTM 10



Mixer protection and formwork waxes

Product	Item no.	Application/Description	Viscosity at 20 °C	Solvent based	GIS-Code
Divinol Mischerschutz Spezial	91560	Universal mixer protection, based on mineral oil, excellent corrosion protection. For concrete mixer trucks, concrete pumps, concrete mixing plants, construction vehicles etc.	21	no	BTM 20
Divinol Mischerschutz DW	30080	High-performance mixer protection based on mineral oil with dewatering properties. For concrete mixer trucks, concrete pumps, concrete mixing plants, construction vehicles etc.	22	no	BTM 20
Divinol Schalwachs pastös	81660	Pasty, rain-resistant formwork wax. For special applications in precast plants, for formwork made of wood, plastic-coated and steel formwork.	pasty	yes	BTM 60
Divinol Schalwachs HFP	04410	Liquid, rain-resistant formwork wax, sprayable. For rough board formwork on construction sites, supporting the initial treatment of wooden formwork.	–	yes	BTM 40





Asphalt release agents

Product	Item no.	Application/Description	Viscosity at 20 °C	Solvent based	Dilution
Divinol Asphalt Aqua MK	94270	Mineral oil-based water-miscible concentrate. road rollers (rubber, steel). For rolled asphalt. Also as a concrete release agent for absorbent formwork.	37	no	1:10
Divinol Asphalt Aqua PK	09480	Water-miscible concentrate, label free, water miscible based on renewable raw materials. For road rollers (rubber, steel). For rolled asphalt.	80	no	1:10
Divinol Asphalt Premium PK	32400	Water-miscible, label free concentrate based on renewable raw materials – it results in a stable emulsion for 10 days. For road rollers (rubber, steel). For rolled asphalt.	70	no	2:10
Divinol Gussasphalt SK	12040	Water-miscible release agent, free of mineral oil. Special for wooden buckets and wheelbarrows for the transport of mastic asphalt.	pasty	no	1:10
Divinol Asphalt Omni SF	27430	High efficient, label free, based on soaps, easily biodegradable according to OECD 301c. For stone mastic asphalt (PMB asphalt) and OPA asphalt. For road rollers, pavers, thermal troughs and asphalt mixing plants.	8	no	–
Divinol Asphalt Pur MF	31970	Ready-to-use asphalt release agent based on mineral oils with very high separation effect for hot and poured asphalt with excellent release properties. For asphalt mixing plants, thermal truck dumps and road pavers.	20	no	–
Divinol Asphaltlöser MF	27530	Dissolves strong bitumen buildup on platforms, rollers, asphalt pavers. Mineral oil-based, VOC-free.	15	no	–



Supporting agents

Product	Item no.	Application/Description	Viscosity at 20 °C	Solvent based	GIS-Code
Divinol Gerätereiniger Forte	12300LK	Environmentally compatible, aqueous alkaline cleaner in spray form. Dissolves heavy dirt from chainsaws, chains, machines, motors etc. Do not apply on glass or transparent surfaces!	–	no	–
Divinol Bio-Chain Oil RF*	26160	High-performance saw chain oil, easily biodegradable according to OECD 301B. For lubricating chainsaws of all makes, no gumming.	100	no	–
Divinol Profilube MP	22540LK	Care and maintenance spray. Universally applicable as anti-corrosion agent, moisture displacer, penetrating oil, cleaner.	–	yes	–
Divinol Sprühöl	31080	Mineral oil-based spray oil. For the preservation of commercial vehicles, machines, tools.	90	no	–
Divinol Öl-Ex 82	67482	Oil and chemical binders. Universally applicable for absorbing liquids.	–	no	–

* The word "bio" refers to biodegradability according to OECD 301 b.



Application overview

Release agents	Construction site concrete/ SB1	Construction site concrete/ SB2	Construction site concrete/ SB3	Construction site concrete/ SB4	Coloured concrete	Self-compacting concrete
Divinol B Classic	++	++	+	-	-	++
Divinol SYN BE Plus	++	++	++	-	-	++
Divinol High Liquid	-	++	++	-	-	++
Divinol High Liquid Surface	-	-	++	++	++	++
Divinol Surface Premium KS	-	-	-	-	++	++
Divinol Rapid	-	-	-	-	-	-
Divinol Aqua EM	-	-	-	-	-	-
Divinol Plast High Liquid	-	-	-	-	-	-
Divinol Tube KS	-	-	-	-	-	-
Divinol Mischerschutz Spezial	-	-	-	-	-	-
Divinol Mischerschutz DW	-	-	-	-	-	-

Filigree ceilings and cavity walls	Structural concrete	Concrete pipes, direct release	Paving stones	Bricks	Paving slabs	Protection machines and transport
-	-	-	++	++	++	++
-	-	++	++	++	++	++
-	-	-	-	-	-	++
-	-	-	-	-	-	-
++	-	-	-	-	-	-
-	-	-	++	++	++	-
++	-	-	-	-	-	-
-	++	-	-	-	-	-
-	-	++	-	-	-	-
-	-	-	-	-	-	++
-	-	-	-	-	-	++

++ suitable + partly suitable - not suitable

Before selecting the appropriate release agent, the formwork shell, concrete type and release agent must be coordinated and their proper use. We recommend carrying out appropriate practical tests in advance (see also DBV / BDZ leaflet exposed concrete).

At home + Abroad

We are your plus.

Zeller+Gmelin has got offices worldwide, plus its head office in Eislingen in Baden-Württemberg. Our name stands for reliability and quality, at all times. Our subsidiaries and partners with all their employees ensure this on a worldwide basis.

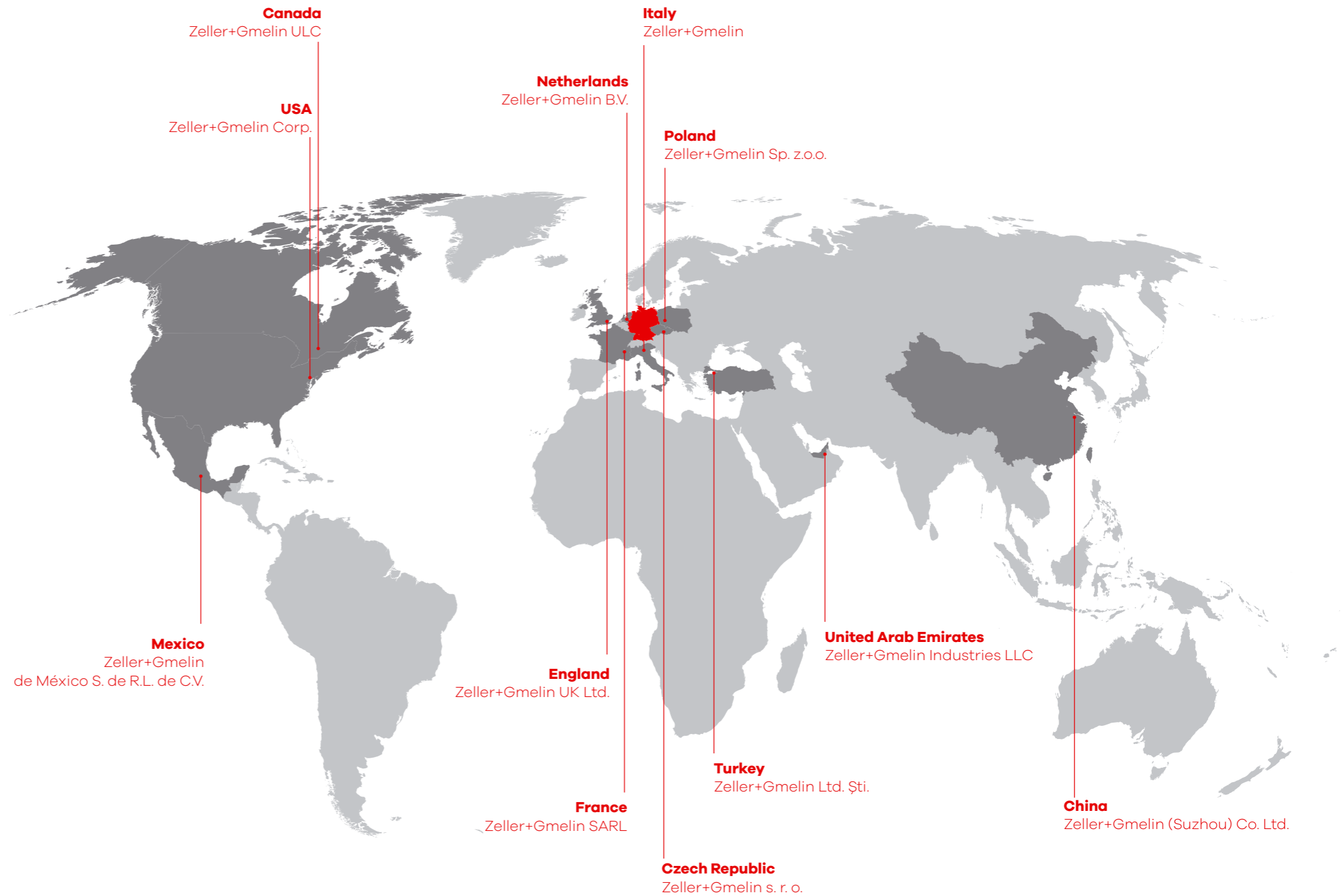
The distinct expertise of our sites and our smooth cooperation are beneficial not just to us, the company as a whole – but also to you, the customer.

The concentrated competence and understanding of processes, application and development, coupled with problem-solving skills and personal advice, are what make Zeller+Gmelin a global figure when it comes to understanding and solving your problems.



Germany

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