



*„We are  
The Release  
Agent People“*

Technical Advanced Group

**New Distributors  
Welcome!**

**Sales partners all over the world**

- Africa
- Asia
- Australia & New Zealand
- Europe
- Middle East & India
- Middle & South America
- North America (U.S.A. & Canada)
- Russia



**Product types**

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| <ul style="list-style-type: none"> <li>• <b>Release Agents</b> <ul style="list-style-type: none"> <li>- Permanent</li> <li>- Semi-Permanent</li> <li>- Waterbased</li> <li>- Solventbased</li> <li>- Internal</li> </ul> </li> <li>• <b>Release-Wetting Agents</b></li> <li>• <b>Additives</b></li> <li>• <b>Anti-Block</b></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Outside Lubes</b></li> <li>• <b>Batch-Off</b></li> <li>• <b>Formaldehyde Scavengers</b></li> <li>• <b>Lubricants</b></li> <li>• <b>Hardeners</b></li> <li>• <b>Bladder Coatings</b></li> <li>• <b>Tire Lubes</b></li> <li>• <b>Plunger Lubricants</b></li> <li>• <b>Modifiers</b></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Wetting Agents</b></li> <li>• <b>Cleaners</b></li> <li>• <b>Surface Sealers</b></li> <li>• <b>Flow Promoter</b></li> <li>• <b>Air Release</b></li> <li>• <b>Supressing Agent</b></li> <li>• <b>Coating</b></li> <li>• <b>Hydraulik Fluid</b></li> <li>• <b>Pigments</b></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Antidust</b></li> <li>• <b>Defoamer</b></li> <li>• <b>Stabilizers</b></li> <li>• <b>Special products</b></li> </ul> |
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**Application ranges**

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| <ul style="list-style-type: none"> <li>• <b>GRP</b> <ul style="list-style-type: none"> <li>- Acrylic resins</li> <li>- DCPD resins</li> <li>- Epoxi resins</li> <li>- Phenolic resins</li> <li>- Polyester resins</li> </ul> </li> <li>• <b>Composite</b></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Polymer</b></li> <li>• <b>Diecasting</b></li> <li>• <b>Laminate</b></li> <li>• <b>Wood products</b><br/>(MDF-OSB-Particle board)</li> <li>• <b>Polyurethane</b></li> <li>• <b>Thermoplastic</b></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Miscellaneous</b></li> <li>• <b>Rubber</b></li> <li>• <b>Tires</b></li> <li>• <b>Glass Bottles</b></li> <li>• <b>Friction Material</b></li> </ul> |
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Release Agents and Lubricants for Tire Production

## TAG Chemicals – Technical Advanced Group

TAG Chemicals GmbH has been founded in 2003 as a branch of the TAG-Group. Our goal is the development, production and marketing of special chemicals.

Our experience is based on special chemicals, especially the production of all sorts of release agents.

TAG Chemicals has many years of worldwide experience and is proud to have very good relationships to all of its customers.

We attach great importance on research and development to ensure that our customers always receive best possible products.

The base of our company's philosophy is:

- **Supporting our customers with qualified technical service.**

- **Resolving process- & formulation problems.**

- **Permanent improving of our product line by means of constant development and innovations.**

Product technical information and data is based on best information available and does not constitute or imply a warranty or patent infringement of any kind. User is responsible for testing product suitability prior to full operation use.

Permanent	Semi-Permanent	Inside Lube	Outside Lube	Reactive Inside Paint	Bladder Coating	Lubricant
<b>Aquacoat 1984</b>	<b>MRA-100</b>	<b>IL-925</b>	<b>OL-926</b>	<b>IL-919</b>	<b>BC-918</b>	<b>RimLube 928</b>
<ul style="list-style-type: none"> <li>• is a permanent mold release solution</li> <li>• provides easy release for more than 6000 cycles</li> <li>• eliminates usage of semi-permanent mold release agents</li> <li>• no transfer of release agent to produced tires</li> <li>• eliminates mold fouling due to release agents</li> <li>• can be sprayed directly into mold segments without necessity to disassemble air vents</li> <li>• application can be done stationary in workshop, away from production area</li> <li>• provides a stable production</li> <li>• easy application and removal process</li> </ul>	<ul style="list-style-type: none"> <li>• is a semi-permanent release solution</li> <li>• provides easy release for one shift/spray</li> <li>• prevents from tires sticking to molds, especially in winter tire production</li> <li>• helps to keep air vents clean</li> <li>• extends tool life before maintenance</li> <li>• non-transferring polymer blend</li> <li>• provides excellent slip without greasy, oily touch</li> <li>• easy application with conventional release agent spraying equipment</li> </ul>	<ul style="list-style-type: none"> <li>• can be applied by spray or wipe-on (inside green tire, between beads)</li> <li>• every tire to be treated</li> <li>• water based</li> <li>• drying time 10–20 min</li> <li>• color black, grey and white available</li> <li>• filled and unfilled</li> </ul>	<ul style="list-style-type: none"> <li>• can be applied by spray or wipe-on (outside green tire, sidewall area)</li> <li>• every tire to be treated</li> <li>• water based</li> <li>• quick drying time</li> <li>• color black</li> </ul>	<ul style="list-style-type: none"> <li>• is a semi-permanent lubricant system, designed as bladder-coating and/or touch-up coat for green tires</li> <li>• water based</li> <li>• application by spray or wipe-on</li> <li>• provides multiple releases</li> <li>• easy to use</li> </ul>	<ul style="list-style-type: none"> <li>• especially designed as base coat for bladders during production start</li> <li>• will prolong standing time of the bladder</li> <li>• provides excellent slip properties</li> <li>• enhances the release effect</li> <li>• forms a hard and durable film</li> <li>• eliminates/reduces Inside Paint</li> </ul>	<ul style="list-style-type: none"> <li>• perfect lubricant for uniformity machines and automatic tire assembly lines</li> <li>• outstanding lubricant effect</li> <li>• drying away without leaving residues</li> <li>• drying time is adjustable</li> <li>• accurate repeatability, eliminates scrap</li> <li>• can be applied automatically by spray, brush or sponge</li> <li>• best in class product!</li> </ul>
<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• film thickness less than 10 microns</li> <li>• not blocking the air vents when applied directly</li> <li>• optimum effectiveness of release cycles</li> <li>• keeps mold and air vents clean</li> <li>• perfect finish/appearance of produced tires</li> <li>• no overspray and related issues</li> <li>• long shelf life</li> <li>• best possible price/performance ratio</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• easy release</li> <li>• no built-up</li> <li>• no transfer</li> <li>• easy to handle</li> <li>• perfect finish/appearance of produced tires</li> <li>• eco friendly</li> <li>• no defects due to release</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• extends bladder life</li> <li>• stable product</li> <li>• does not show on sidewall if over sprayed</li> <li>• good inside tire finish</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• excellent flow and release</li> <li>• stable product</li> <li>• evenly black appearance</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• universal for all tires</li> <li>• provides true multiple release</li> <li>• excellent slip and air bleed</li> <li>• perfect finish/appearance of produced tires</li> <li>• cost effective</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• hard and durable release coat</li> <li>• prevents from air traps during</li> <li>• extends bladder life</li> <li>• water based</li> <li>• cost effective</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• high slip</li> <li>• drying without residues</li> <li>• contains NO soaps, oil or silicone!</li> <li>• accurate measurements</li> <li>• easy cleaning, no harm to machine</li> <li>• adjustable product</li> <li>• water based</li> </ul>
<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: clear</p> <p>pH-Value: 9,5</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: white</p> <p>pH-Value: 9</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.2 g/cm<sup>3</sup></p> <p>Color: white, grey, black</p> <p>pH-Value: 8</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: black</p> <p>pH-Value: 8</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: white</p> <p>pH-Value: 10</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: white</p> <p>pH-Value: 8</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: clear</p> <p>pH-Value: 9–10</p>