

A dynamic background image showing a large splash of water falling from the top left, creating a large, clear water droplet in the center. The water is splashing and creating many smaller droplets and bubbles throughout the scene. The overall color palette is various shades of blue and white.

Aqueous Solutions

Lohtragon[®]

Crystallizing Solutions

Info Sheet Lohtragon®

Aqueous Solutions by Dr. Paul Lohmann® – Your Solution

There are various reasons why an aqueous solution of our high performance metal salt range potentially add value to your aqueous production process and end products.

The main benefits are linked to quality, safety and cost efficiency:

- ◆ Efficient processing without need to prepare your aqueous solutions in-house
 - ◆ savings by skipping one process step
 - ◆ we can provide the concentration you need
- ◆ Easier handling and dosing compared to most powder products
 - ◆ safe handling without precautionary measure linked to dust
 - ◆ solution form avoids caking – a risk for many powder products
 - ◆ residue-free emptying of packaging
 - ◆ easy automation possible linked to high accuracy of dosing also for continuous processes
- ◆ Controlled Dr. Paul Lohmann® production processes
 - ◆ defined purity and uncompromising quality control of our raw materials and finished products
 - ◆ Water from our own wells or high-purity water with no need of additional biocides

Our R&D team is ready to provide a tailor-made solution: Your Solution.

The extract from our existing metal salt solutions gives you an idea about what is possible.

Product Overview: Aqueous Solutions by Dr. Paul Lohmann®

Area of application	Products
Adhesives / Water resistance of white glue	Aluminium Nitrate Solution (60 %) Lohtragon® K87
Agriculture / Plant Protection, Fertilizer	Calcium Nitrate Solution (65 %) based on Lohtragon® O43
	Potassium Formate Solution (70 %) based on Lohtragon® B71
Chelating Agents	Ammonium Acetate Solution (50 %) Lohtragon® O55
Chemical Synthesis / Auxiliary Materials, Complexing Agent and Ammonia Source	Ammonium Acetate Solution (50 %) Lohtragon® O55
Chemical Synthesis / Catalyst, Precursor	Magnesium Acetate Solution (50 %) Lohtragon® K91
Chemical Synthesis / Pigments	Ferric Sulfate Solution (55 %) based on Lohtragon® V28
Construction / Admixtures	Sodium Glycerophosphate Solution (50 %) Lohtragon® L44
	Sodium Succinate Solution (40 %) based on Lohtragon® B45
Electroplating / Complexing Agent	Ammonium Acetate Solution (50 %) Lohtragon® O55
	Potassium Tartrate Solution (50 %) based on Lohtragon® B60
	Potassium Formate Solution (70 %) based on Lohtragon® B71
Fire Extinguishers	Potassium Acetate Solution (50 %) Lohtragon® O52
	Potassium Acetate Solution (70 %) Lohtragon® O52
Glass & Ceramics / Coloring	Ferric Sulfate Solution (55 %) based on Lohtragon® V28
Heat Transfer Fluids	Potassium Formate Solution (70 %) based on Lohtragon® B71
	Potassium Formate Acetate Solution
Medical Products	Calcium Acetate Solution (24.5 %) Lohtragon® O50
Offset Printing	Magnesium Acetate Solution (50 %) Lohtragon® K91
Oil & Gas / Hydrogen Sulfide Scavenger	Ferric Sodium Citrate Solution (55 %) Lohtragon® C08
pH Control	Ammonium Acetate Solution (50 %) Lohtragon® O55
	Sodium Acetate Solution (30 %) Lohtragon® K98
Polymer Additives / Coagulants	Calcium Nitrate Solution (65 %) based on Lohtragon® O43
Surface Treatment / Etching Agent	Ferric Sulfate Solution (55 %) based on Lohtragon® V28
Water Purification	Calcium Acetate Solution (24.5 %) Lohtragon® O50

Contact

Connect directly with our Lohtragon® experts in our German headquarter.



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Lohtragon® – A Brand of Dr. Paul Lohmann®

For over 135 years, the company Dr. Paul Lohmann has been able to establish and maintain its leading position as an international manufacturer of mineral and metal salts that meet the highest quality standards. The product range includes over 400 different salts, from Aluminum to Zinc, in a total of over 7,000 different specifications.

Dr. Paul Lohmann® supplies its specialty salts worldwide to customers in the pharmaceutical industry, food sector, food supplements, cosmetics and – under the Lohtragon® brand – to customers in industrial applications.

Lohtragon® stands for unique competences in manufacturing, optimizing and developing metal salts for a broad variety of industrial market segments. Established in diversity, tailor-made for you, your application and your process - our solution for your challenges!