



Flow-Enhancer
Lohtragon® C36



Lohtragon®

Crystallizing Solutions

Keep Your Products Flowing with Lohtragon® C36

Optimize your production efficiency and product quality with Lohtragon® C36, our superior flow enhancer based on Magnesium Carbonate. It directly addresses the industry's need for reliability, safety, and efficiency, ensuring your products remain free-flowing and high-performing – tackling also challenging conditions.

Benefits of Lohtragon® C36 – First-Choice Flow-Enhancer



High-quality
End Products



Safe and Efficient
Processes



Sustainability
Performance



Regulatory
Compliance



Competitiveness

Enhanced Flowability for High Quality End Products

By applying Lohtragon® C36 into your formulation, benefit from its multi-functional capabilities as an anti-caking and anti-clumping agent. Its unique morphology offers superior water absorption keeping your products flowable.

Safe and Efficient Processes

A smooth and highly consistent production process is no coincidence; it requires efficiency and continuous optimization. The moisture absorbing capability of Lohtragon® C36 leads to a lower lump tendency, which enables a safe, easy, and precise product handling of your powders and solid materials.

Your powerful and compatible flow additive derives from a Lohtragon® C36 showing its flow-enhancing properties already at low concentrations, without any unwanted side reactions. Have a look at our in-house rheometer and funnel tests, proving its functionality and effectiveness.

Proven Flow-Functionality by Rheometer Testing

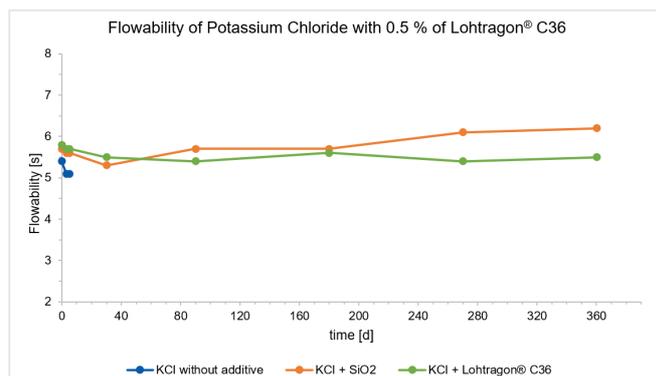
You can expect comparable testing and related documentation for the flow-enhancing properties of Lohtragon® C36. By rheometer measurements, we determine flow characteristics of powders based on their flow angles. The lower the resulting value of the flow angle, the better the flowability

As seen on the rheometer images on the right, adding just 0.5 % of Lohtragon® C36 optimizes the flowability of Potassium Chloride (KCl) significantly, a matrix which is generally prone to clumping.

KCl pure, without additive



KCl + 0.5 % Lohtragon® C36
flow additive



Proven Flow Functionality by Funnel Testing

Your requirements regarding vertical flow properties of Lohtragon® C36 are tested by using a stainless-steel funnel. This method is performed according to Ph.Eur. (2.9.16) under defined conditions.

Besides the flowability enhancing effect, our testing also confirmed the effectiveness of our Lohtragon® C36 over time, as the product flowability could be maintained over the whole testing frame of 12 months.

Keep Your Products Flowing with Lohtragon® C36

Sustainability Performance and Regulatory Compliance

Health and environmental aspects are rooted in your corporate strategy? Lohtragon® C36 stands out as a sustainable choice. It scores due to its declaration friendliness and regulatory safeness. It is from natural origin and silica-free, contributing to environmentally friendly compositions. This makes it beneficial for your sustainability performance and regulatory compliance. For more information on the natural origin, please request our flyer "Magnesium from Nature".

Improve Your Formulation Today to Stay Competitive Tomorrow

Striving for your process efficiency and safety we offer Lohtragon® C36 which optimizes your production line by improving the quality of your product and is leading to noticeable regulatory and economic benefits – making it your flow-enhancer of choice to improve your today's formulations and keep you competitive tomorrow!

Reach out to our expert teams. They look forward to support you in the preselection of the most suitable quality. If required, we work also on customized reformulations and new developments, assisting to get your product ready.

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!

Established Products

By choosing Lohtragon® products, you benefit from direct manufacturer sourcing and our "Made in Germany" quality and reliability promise.

Joint Developments

From concept phase to tailored product optimization, we are your partner to solve any development challenge.

Expert Services

Rely on services from our application technology, regulatory affairs, logistics, quality departments and more.