



Lubricants –  
Complexing  
Agents

**Lohtragon**®

Crystallizing Solutions

## Superior Calcium Complex Greases with Lohtragon® O01 Complexing Agents

Enhance your Calcium Complex Grease Formulation for Optimum Performances

The efficiency of lubricating greases is deeply influenced by their thickening systems. Therefore, the choice of the complexing agent is of highest significance for the performance of your particular calcium complex grease. The greases are suitable for a broad range of applications, including those in wet conditions and at high temperatures, such as marine environments, heavy industrial machinery, and automotive wheel bearings.



**Lohtragon® O01**, our calcium acetate based complexing agent, stands out for its effectiveness in the saponification process. Its high purity and special morphology – based on a unique production process – make it a key thickening component in your special grease formulation, leading to several valuable benefits:



### Enhanced grease performance and quality

- ◆ High product reliability linked to a long-term stability
- ◆ Superior viscosity control, that can be adjusted very specifically to your formulation
- ◆ Suitability in wet conditions as well as in high temperature environments
- ◆ Guarantees consistency also under mechanical stress
- ◆ Safeguarding equipment: longevity of machinery due to less wear and corrosion
- ◆ Highly efficient processes due to optimized grease properties



### Regulatory compliance and safety

- ◆ Comply with regulatory standards – today and in evolving regulatory environments
- ◆ Enhance safeness: rely on a harmless, highly compatible complexing agent allowing mild production conditions and a high grease safety



### Alignment with environmental sustainability targets

- ◆ Commitment to sustainability, contributing to a product carbon footprint in line with your goals
- ◆ Eco-friendly operations: minimize environmental impacts while contributing to a more efficient resource consumption

## Zoom into our Lohtragon® O01 Portfolio

Lohtragon® Type	Used substance	Product description
Lohtragon® O01   Type 172	Calcium Acetate	Powder, chemically pure
Lohtragon® O01   Type 176	Calcium Acetate	Powder, chemically pure, with additional analysis parameters
Lohtragon® O01   Type 179	Calcium Acetate	Powder, purity acc. to E 263, suitable for food contact
Lohtragon® O01   Type 180	Calcium Acetate	Granules, purity acc. to E 263, suitable for food contact

With your requirements being specific, partner with us to discover the advantages of Lohtragon® additives and use the option for tailor-made solutions meeting your unique industry requirements. Our team of experts look forward to support you and to get your product ready – [reach out to us!](#)



## Superior Calcium Complex Greases with Lohtragon® O01 Complexing Agents

### Improve Your Grease Formulation to Stay Competitive: Choose Lohtragon® O01

Take a significant step forward in the formulation of your specific calcium complex grease, by using the Lohtragon® O01 complexing agent. Its role in improving thermal stability, water resistance, and protection against wear and corrosion makes it a valuable additive for advanced lubrication technologies. Its usage leverages our Lohtragon® expertise in manufacturing metal salts, adhering to rigorous quality controls, innovation, and R&D support.

Lohtragon® O01 emerges as a superior complexing agent during saponification process, distinguishing itself through its ability to form stable, high-performance, and efficient greases – while contributing to regulatory compliance and sustainability targets.

[Connect with us](#) and elevate your calcium complex greases with the ideal complexing agent: Lohtragon® O01!

---

## Contact

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



+49 5155 63-5888  
contact@lohtragon.com  
www.lohtragon.com

## 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.