

Fire-Extinguishing Agents



*THIS EXTINGUISHER MUST BE MOUNTED ON THE CORRECT BRACKET
*CHECK PERIODICALLY
*DEPRESSURISE AND RECHARGE AFTER ANY USE
*INSPECT REGULARLY FOR DAMAGE AND OPERATIONAL SERVICEABILITY. WITHDRAW FROM SERVICE IF PULLTITE INDICATOR IS MISSING OR IF EXTINGUISHER IS UNDER WEIGHT.
*USE ONLY PRODUCTS AND SPARES IN CONFORMITY WITH MANUFACTURERS INSTRUCTIONS
*EXTINGUISHING MEDIUM : CO₂ (2KG)
*TEST PRESSURE (PT) : 212 BAR
*MAXIMUM SERVICE PRESSURE (PS) : 169.3 BAR
*OPERATING PRESSURE AT 20°C : 86 BAR
*SAFETY DEVICE RANGE: 186 BAR TO 212 BAR
*TEMPERATURE RANGE: -30°C TO +60°C
THIS EXTINGUISHER IS A PRESSURISED VESSEL AND MUST NOT BE PERCISED, BENT OR SUBJECTED TO EXTERNAL DAMAGE, FIRE OR DISPOSED OF IN A FIRE.
*THIS EXTINGUISHER IS TO BE INSTALLED AND SERVICED IN ACCORDANCE WITH PART 3 AND PART 8
*DO NOT TEST PRIOR TO USE
RECHARGING INSTRUCTIONS
THE RECHARGING OF CARBON DIOXIDE EXTINGUISHERS CANNOT BE CARRIED OUT ON SITE. THIS MUST BE CARRIED OUT AT A RECOGNIZED SERVICE CENTRE.
NO ATTEMPT TO RECHARGE
DISC NOT

Lohtragon®

Crystallizing Solutions

Info Sheet Lohtragon®

Special Applications – Fire Safety

Extinguishing a smaller fire and effectively preventing its expansion is the most important first measure while witnessing a fire outbreak. Extinguishing agents are selected to suit the type of fire to be extinguished and are divided into classes accordingly.

The released chemicals have to be harmless to health and the environment, as they are purposely released into the environment. Therefore starting products used must be pure and not pollute the environment with additional heavy metals and other chemicals. Under our Lohtragon® brand, we offer a broad range of different fire-extinguishing agents meeting your high standards.

With our Lohtragon® alkaline carboxylates we provide fire-extinguishing agents specifically for cooking fat fires. The metal salts work by saponifying the oil or fat. This layer acts as a blockade and prevents the access to oxygen.



Features & Benefits

The features and benefits of the Lohtragon® range of extinguishing agents are:

- ◆ Specifically targeting cooking fat fires
- ◆ Highly effective dispersion and saponifying mechanisms
- ◆ Preventing reigniting
- ◆ Coating of surfaces
- ◆ Active extinguishing agent for class F and class K type fires, ensuring the formation of a separation layer between burning fat/fuel and oxygen

Lohtragon® Product Selector – Fire-Extinguishing Agents

Selected Lohtragon® metal salts have been gathered in a toolbox for fire safety with various Lohtragon® fire-extinguishing agents allowing flexibility in the composition of the extinguishing system within a wide range:

Product	Type	Used substance	Product description
Magnesium Salts			
Lohtragon® K92	10	Magnesium Acetate, anhydrous	powder chem. pure
Lohtragon® C36	735	Magnesium Carbonate	powder chem. pure
Lohtragon® C35	145	Magnesium Hydroxide	powder chem. pure
Potassium Salts			
Lohtragon® O02	90	Potassium Acetate, anhydrous	powder chem. pure
		Potassium Acetate Solution	solution approx. 50 % and 70 %
Lohtragon® B40	105	Tripotassium Citrate 1-hydrate	crystals chem. pure
Lohtragon® B71	11	Potassium Formate	crystals chem. pure
Lohtragon® B60	11	Potassium Tartrate 0.5-hydrate	crystals chem. pure
		Potassium Tartrate Solution	solution approx. 50 %

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!