

From solid salts to application-ready solutions

Applications & Product Forms

Carboxylate salts such as acetates and formates play an important role in a wide range of industrial applications due to their stability, solubility, and functional performance.

Heat transfer fluids (HTF)

Potassium acetate and potassium formate are used in thermal management systems where reliable heat transfer performance, low viscosity, and long-term stability are required.

Catalysis and industrial processes

Potassium acetate is used in catalytic systems and chemical production processes requiring consistent quality and reliable performance.

Oil & gas drilling fluids

Potassium formate brines are used in demanding drilling and completion applications, offering high density, stability, and efficient performance in challenging environments.

Industrial processing and formulation

Sodium and ammonium acetates are widely used in industrial production, buffering systems, and formulation processes across various industries.

Product Forms

Solids

High-quality salts in powder or crystalline form suitable for industrial processing, synthesis, and further formulation.

Solutions

Ready-to-use solutions with flexible concentration tailored to specific application requirements and operational needs.

Supply & Flexibility

- European stock availability ensuring reliable and fast delivery
- Flexible solution concentrations tailored to specific application requirements
- Custom specifications available upon request
- Reliable partner in chemical supply since 1996

About Alchacet

Alchacet is Alchimica's industrial salts brand – a focused line of acetates and formates for demanding industrial applications. Where Alchimica serves a broad chemical portfolio, Alchacet concentrates on the performance and supply needs of industrial users.



Alchimica: Your chemical supplier

Founded in 1996 in Prague as a family business, Alchimica has evolved into a major supplier of chemicals for various industries, including pharmaceutical, nutraceutical, and others. Through strategic sourcing and distribution, the company serves its diverse partners, maintaining a commitment to quality and reliability.



Alchacet products are distributed across Europe and the USA. Standard grades are held in stock at our Czech warehouse for prompt dispatch, while custom concentrations and specifications are produced to order in coordination with our logistics partners.



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The Acetates and Beyond

Discover Our Range of High-Quality Salts for Diverse Industrial Applications

www.alchacet.com

Alchacet by Alchimica offers high-quality inorganic salts tailored for diverse industrial applications. By prioritizing excellence, quality, and reliability, Alchacet ensures that every batch meets the highest standards of performance. Trust Alchacet to deliver solutions that enhance your industrial processes with consistent quality.



Unmatched Quality
Consistent, high-performance acetates that meet rigorous industry standards



Wide Applicability
Diverse, highly versatile range suitable for various industrial uses



Modern Solutions
High-quality products designed to deliver superior results across application demands



Reliable Supply
With trusted partnerships and our Czech Republic warehouse, we ensure quick delivery

Alchacet K Plus

Potassium acetate (high purity grade)

CAS No.: 127-08-2

Alchacet K Plus is a high-purity potassium acetate that provides superior purity essential for critical applications, ensuring optimal performance in pharmaceutical production, polyurethane (PU) synthesis, and others.

KEY APPLICATIONS

- Catalyst in polyurethane (PU) production
- Pharmaceutical production
- Chemical synthesis
- Heat transfer fluids (HTF)
- Buffering agent
- Safety glass production

Packaging: 25 kg bags on pallets

Shelf life: 2 years

Storage conditions: Store in a dry place at room temperature

Shipment: Not classified as dangerous goods (non-ADR)

	SPECIFICATION	TYPICAL ANALYSIS
Appearance	White crystals	Conforms
Assay (dry basis)	≥99%	99.40%
Water (max.)	≤1.0%	0.3%
pH	7.50-8.50	8.10
Aluminium	≤0.0001%	0.00005%
Chloride	≤0.005%	0.0018%
Iron	≤0.0001%	0.00007%
Magnesium	≤0.01%	0.003%
Sodium	≤0.4%	0.2%
Sulfate	≤0.005%	0.003%
Heavy metals	≤0.0004%	0.0002%

Alchacet K

Potassium acetate (industrial grade)

CAS No.: 127-08-2

Alchacet K is a versatile potassium acetate for a wide range of industrial processes — from heat transfer fluids (HTF) to de-icing — delivering a favourable balance of performance and cost.

KEY APPLICATIONS

- Heat transfer fluids (HTF)
- Foliar fertilizer production
- Extinguishing agent
- Buffering agent
- Safety glass production
- De-icing

Packaging: 25 kg bags on pallets

Shelf life: 2 years

Storage conditions: Store in a dry place at room temperature

Shipment: Not classified as dangerous goods (non-ADR)

	SPECIFICATION	TYPICAL ANALYSIS
Appearance	White crystals	Conforms
Assay (dry basis)	≥99%	99.41%
Loss on drying (150°C)	≤1.0%	0.38%
pH	7.50-8.50	7.87
Chloride	≤0.05%	<0.03%
Iron	≤0.001%	<0.001%
Magnesium	≤0.01%	<0.01%
Heavy metals	≤0.001%	<0.001%

Alchacet NA

Sodium acetate trihydrate (industrial grade)

CAS No.: 127-09-3

Alchacet NA is a sodium acetate trihydrate delivering versatility and unique properties ideal for textiles, dye manufacturing, and essential in heating pads due to its phase-change capabilities.

KEY APPLICATIONS

- Textile industry
- Dye manufacturing
- Heating pads
- Buffering agent
- Leather industry
- De-icing

Packaging: 25 kg bags on pallets

Shelf life: 2 years

Storage conditions: Store in a dry place at room temperature

Shipment: Not classified as dangerous goods (non-ADR)

	SPECIFICATION	TYPICAL ANALYSIS
Appearance	White crystals	Conforms
Assay (dry basis)	≥99.0%	99.63%
Odour	Smell of salt	Conforms
Solubility	Freely soluble in water	Conforms
pH	8.00-10.00	Conforms

Alchacet NH

Ammonium acetate (industrial grade)

CAS No.: 631-61-8

Alchacet NH is an ammonium acetate for diverse industrial and pharmaceutical applications. It is effective in chemical processes, as a buffering agent, and for de-icing. Its biodegradability adds further versatility.

KEY APPLICATIONS

- Pharmaceutical production
- Buffering agent
- Foliar fertilizer production
- Organic synthesis
- Leather industry
- Biodegradable de-icing agent

Packaging: 25 kg bags on pallets

Shelf life: 2 years

Storage conditions: Store in a dry place at room temperature

Shipment: Not classified as dangerous goods (non-ADR)

	SPECIFICATION	TYPICAL ANALYSIS
Appearance	White crystals	Conforms
Assay (dry basis)	≥97.0%	97.63%
Combustion residue	≤0.005%	<0.005%
pH	6.70-7.30	6.85
Chloride	≤0.005%	0.0004%
Iron	≤0.001%	0.0004%
Sulfate	≤0.005%	0.0046%
Heavy metals	≤0.0005%	0.0003%

Alchacet K Solution

Potassium acetate solution (industrial grade)

CAS No.: 127-08-2

Alchacet K Solution is a ready-to-use potassium acetate solution for thermal management and industrial process applications, delivering stable performance across varying operating conditions.

KEY APPLICATIONS

- Heat transfer fluids (HTF)
- Industrial process fluids
- De-icing and anti-icing systems

Packaging: IBC containers

Shelf life: Specified per product based on concentration and application

Storage conditions: Store at room temperature and avoid direct sunlight

Shipment: Not classified as dangerous goods (non-ADR)

SPECIFICATION

Available in a range of concentrations, tailored to customer requirements.

Alchacet Form K

Potassium formate (industrial grade)

CAS No.: 590-29-4

Alchacet Form K is a solid potassium formate — a cost-effective choice for demanding industrial applications including heat transfer fluids and oil & gas drilling fluids.

KEY APPLICATIONS

- Heat transfer fluids (HTF)
- Catalysis and industrial processes
- Oil & gas drilling fluids
- De-icing

Packaging: 25 kg bags on pallets

Shelf life: 2 years

Storage conditions: Store in a dry place at room temperature

Shipment: Not classified as dangerous goods (non-ADR)

	SPECIFICATION	TYPICAL ANALYSIS
Appearance	White crystals	Conforms
Assay (dry basis)	≥97.0%	97.6%
KOH	≤0.5%	0.05%
K₂CO₃	≤0.5%	0.07%
KCl	≤0.3%	0.03%
Moisture	≤1.3%	0.65%

Alchacet Form K Solution

Potassium formate solution (industrial grade)

CAS No.: 590-29-4

Alchacet Form K Solution is a potassium formate solution designed for high-performance applications, providing stability and efficiency in demanding thermal and fluid systems.

KEY APPLICATIONS

- Heat transfer fluids (HTF)
- Industrial cooling and process fluids
- Oil & gas drilling and completion fluids

Packaging: IBC containers

Shelf life: Specified per product based on concentration and application

Storage conditions: Store at room temperature and avoid direct sunlight

Shipment: Not classified as dangerous goods (non-ADR)

SPECIFICATION

Available in a range of concentrations, tailored to customer requirements.