



PureChem

YOUR BENEFITS

- First-class quality products
- Long-standing experience
- Customized solutions
- Technical support



Thank you for your interest!

Electronic, analytic and research – within these segments high purity chemicals are most important.

Our products meet the highest quality and purity demand.

For more than 55 years HARKE Chemicals GmbH is known as a competent and reliable supplier of high purity materials. Thus the business unit HARKE PureChem supplies manufacturers of PC-boards, microchips, primary and secondary battery systems, tantal- and aluminium electrolyte capacitors, micro motors, hard disks and wave conductor cables with high purity chemicals for various applications.

Moreover, we have many high pure chemicals for different applications in our product range.

Contact us to discuss your application.

Your HARKE PureChem team



PRODUCT GROUPS & PRODUCTS

ELECTROLYTES FOR PRIMARY LITHIUM BATTERIES

Lipaste/various types of electrolytes

ELECTROLYTES FOR SECONDARY LITHIUM BATTERIES

Lipaste/various types of electrolytes

ELECTROLYTES FOR LITHIUM ION CAPACITORS

Lipaste/various types of electrolytes

ADDITIVES FOR ALUMINIUM ELECTROLYTIC CAPACITORS

Various types of additives

ELECTROLYTES FOR ALUMINIUM ELECTROLYTIC CAPACITORS

Capaste/various types of electrolytes



PRODUCT GROUPS & PRODUCTS

ACETATE SALTS

Product	CAS No.
Ammonium acetate, CH ₃ COONH ₄	631-61-8
Sodium acetate trihydrate, CH ₃ COONa · 3H ₂ O	6131-90-4

AMMONIUM SALTS

Product	CAS No.
Ammonium adipate, NH ₄ OOC(CH ₂) ₄ COONH ₄	3385-41-9
Ammonium benzoate, C ₆ H ₅ COONH ₄	1863-63-4
Ammonium formate, $HCOONH_4$	540-69-2
Diammonium hydrogen citrate, NH ₄ OOCCH ₂ C(OH) (COOH)CH ₂ COONH ₄	3012-65-5
Ammonium acetate, CH ₃ COONH ₄	631-61-8
Ammonium oxalate monohydrate, $(NH_4)_2C_2O_4 \cdot H_2O$	6009-70-7
Ammonium sebacate, NH ₄ OOC(CH ₂) ₈ COONH ₄	19402-63-2
Ammonium p-nitrobenzoate dihydrate, C ₆ H ₄ NO ₂ COONH ₄ · 2H ₂ O	19416-70-7
Ammonium pentaborate octahydrate, (NH ₄) ₂ O · 5B ₂ O ₃ · 8H ₂ O	12046-03-6
Ammonium tetraborate tetrahydrate, (NH ₄) ₂ B ₄ O ₇ · 4H ₂ O	12228-87-4
Diammonium phthalate, C_6H_4 (COONH $_4$) $_2$	523-24-0
Ammonium dihydrogen phosphinate, NH ₄ H ₂ PO ₂	7803-65-8
Ammonium sulfate, (NH ₄) ₂ SO ₄	7783-20-2

BORIC ACID AND BORATES

Product	CAS No.
Boric acid, H ₃ BO ₃	10043-35-3
Ammonium pentaborate octahydrate, $(NH_4)_2O \cdot 5B_2O_3 \cdot 8H_2O$	12046-03-6
Ammonium tetraborate tetrahydrate, (NH ₄) ₂ B ₄ O ₇ · 4H ₂ O	12228-87-4
Potassium tetraborate tetrahydrate, $K_2B_4O_7 \cdot 4H_2O$	12045-78-2
Sodium tetraborate decahydrate, Na ₂ B ₄ O ₇ · 10H ₂ O	1303-96-4
Sodium pentaborate decahydrate, Na ₂ B ₁₀ O ₁₆ · 10H ₂ O	12007-92-0
Lithium tetraborate, Li ₂ B ₄ O ₇	12007-60-2
Boron trioxide, B ₂ O ₃	1303-86-2

LITHIUM SALTS

Product	CAS No.
Lithium tetraborate, Li ₂ B ₄ O ₇	12007-60-2

MANGANESE SALTS/NITRATES

Product	CAS No.
Manganese (II) nitrate hexahydrate, Mn(NO ₃) ₂ · 6H ₂ O	17141-63-8
Manganese (II) nitrate solution, Mn(NO ₃) ₂	10377-66-9



PRODUCT GROUPS & PRODUCTS

OXALIC ACIDS & OXALATES

Product	CAS No.
Oxalic acid dihydrate, H ₂ C ₂ O ₄ · 2H ₂ O	6153-56-6
Oxalic acid, anhydrous, H ₂ C ₂ O ₄	144-62-7
Ammonium oxalate monohydrate, (NH $_4$) $_2$ C $_2$ O $_4$ · H $_2$ O	6009-70-7
Potassium trihydrogen dioxalate dihydrate, $KH_3(C_2O_4)_2 \cdot 2H_2O$	6100-20-5
Potassium oxalate monohydrate, $K_2C_2O_4 \cdot H_2O$	6487-48-5
Sodium oxalate, Na ₂ C ₂ O ₄	62-76-0

POTASSIUM SALTS

Product	CAS No.
Potassium formate, HCOOK	590-29-4
Potassium oxalate monohydrate, $K_2C_2O_4 \cdot H_2O$	6487-48-5
Potassium trihydrogen dioxalate dihydrate, KH ₃ (C ₂ O ₄) ₂ · 2H ₂ O	6100-20-5
Potassium hydrogen phthalate, C ₆ H ₄ (COOH)(COOK)	877-24-7
Potassium tetraborate tetrahydrate, K ₂ B ₄ O ₇ · 4H ₂ O	12045-78-2
Acesulfame potassium, C ₄ H ₄ KNO ₄ S	55589-62-3

SODIUM SALTS

Product	CAS No.
Sodium acetate trihydrate, CH₃COONa · 3H₂O	6131-90-4
Sodium oxalate, Na ₂ C ₂ O ₄	62-76-0
Sodium tetraborate decahydrate, Na ₂ B ₄ O ₇ · 10H ₂ O	1303-96-4
Sodium pentaborate decahydrate, Na ₂ B ₁₀ O ₁₆ · 10H ₂ O	12007-92-0
Sodium Formate, HCOONa	141-53-7

OTHER ACIDS

Product	CAS No.
Oxalic acid dihydrate, H ₂ C ₂ O ₄ · 2H ₂ O	6153-56-6
Phthalic acid, C ₆ H ₄ (COOH) ₂	88-99-3
Iminodiacetic acid, HN(CH ₂ COOH) ₂	142-73-4
p-Nitrobenzoic acid (4-Nitrobenzoic acid), NO ₂ C ₆ H ₄ COOH	62-23-7

OTHER CHEMICALS

Product	CAS No.
Tetraethylammonium hydrogen phthalate, $C_6H_4(COOH) \cdot N(C_2H_5)_3$	79723-03-8
Urea, NH ₂ CONH ₂	57-13-6
N-Acetylglucosamine, C ₈ H ₁₅ NO ₆	7512-17-6
Polyvinylpolypyrrolidone	25249-54-1
Tin(IV)chloride, SnCl ₄ 5H ₂ O	10026-06-09
Soda pure, Na ₂ CO ₃	497-19-8

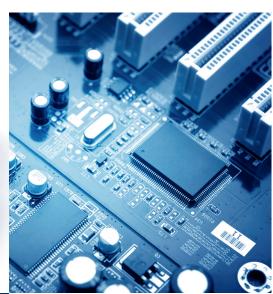


AREAS OF APPLICATION

Is Your Application Included?		
Additives for plating	Intermediate for medicine	
Additives for yeast culture	Lithium ion capacitors	
Aluminium electrolytic capacitors	Metal surface – treatment	
Chelating (reagents)	Paint industry	
Dyening industry	Ph standard reagents	
Flame retardant industry	Photographic industry	
Food additives	Primary lithium batteries	
Fusing agent	Reagents	
Heat treating agent	Secondary lithium batteries	
High purity glass industry	And many more	









Contact us to discuss your application.



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HARKE GROUP



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