

DAZZLING®

Ammonium Chloride (Agricultural Grade) · 农用氯化铵

Issued by: Hubei Daheng Agricultural Science and Technology Development Co., Ltd.

出具单位: 湖北达亨农业科技发展有限公司

Group 9, Baozhuang Village, Huancheng, Zaoyang City, Hubei Province, China

湖北省枣阳市环城鲍庄村九组

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Date of issue: September 13, 2026 · English edition revised September 18, 2026

HS code: 2827101000 (fertilizer use — subject to export commodity inspection)

TDS 技术数据表

Technical Data Sheet — Ammonium Chloride (Agricultural Grade)

出具单位: 湖北达亨农业科技发展有限公司

统一社会信用代码: 91420683MA49F5KX5H

地址: 湖北省枣阳市环城鲍庄村九组

编制日期: 2026-09-13

CAS号: 12125-02-9

分子式: NH_4Cl

HS编码: 2827101000

产品描述

外观: 白色/微黄色/粉红色结晶颗粒; 易溶于水, 速效氮肥, 适用于部分农作物; 忌氯作物(烟草、马铃薯、柑橘等)慎用。不可作为食品、饲料原料。

技术指标 (农业级一等品, 国标GB/T 2946-2018)

项目指标

总氮 (以干基计) $\geq 24.5\%$

水分 $\leq 3\%$

钠盐 (以NaCl计) $\leq 1.2\%$

镉 (Cd) $\leq 10\text{mg/kg}$

砷 (As) $\leq 15\text{mg/kg}$

铅 (Pb) $\leq 50\text{mg/kg}$

pH(200g/L, 25°C) 4.0~6.0

包装、储存、运输

包装: 25kg/50kg内衬PE编织袋, 1000kg吨包

储存: 干燥通风库房, 防潮; 禁止与强碱混放。

运输: 普通肥料产品, 防雨防潮, 避免破损。

用途

农业氮肥, 用于小麦、水稻、玉米、棉花等喜氯作物追肥、基肥。

限制用途: 烟草、土豆、甘薯、柑橘等忌氯作物谨慎使用; 禁止食品、饲料添加。

Technical Data Sheet

English · Ammonium Chloride (Agricultural Grade)

Technical Data Sheet — Ammonium Chloride (Agricultural Grade)

Issued by: Hubei Daheng Agricultural Science and Technology Development Co., Ltd.

Unified Social Credit Code: 91420683MA49F5KX5H

Address: Group9, Baozhuang Village, Huancheng, Zaoyang City, Hubei Province

Date: Sep13,2026

CAS-No.: 12125-02-9

Formula: NH_4Cl

HS Code: 2827101000

Product Description

Appearance: White or slight yellow or pink crystalline granules, readily soluble in water. Quick-acting nitrogen fertilizer. Caution for chlorine-sensitive crops such as tobacco, potato and citrus. Not for food or feed use.

Technical Specifications (GB/T2946-2018)

ItemSpecificationTotal

Nitrogen(on a dry basis) $\geq 24.5\%$

Moisture $\leq 3\%$

Sodium(as NaCl) $\leq 1.2\%$

Cadmium(Cd) $\leq 10\text{mg/kg}$

Arsenic(As) $\leq 15\text{mg/kg}$

Lead(Pb) $\leq 50\text{mg/kg}$

pH (200g/L,25°C)4.0~6.0

Packaging, Storage & Transportation

Package: 25kg /50kg PP woven bag with PE liner、 1000kg ton bag

Storage: Dry & ventilated warehouse, moisture-proof, separate from strong alkali.

Transport: Ordinary fertilizer goods, keep away from rain.

Intended Use

Agricultural nitrogen fertilizer, base fertilizer or top dressing for wheat, rice, corn, cotton and other chlorine-tolerant crops.

Restriction: Not recommended for chlorine sensitive crops (tobacco, potato, citrus etc). Not for food or feed additive.

SDS 化学品安全技术说明书

Safety Data Sheet — Ammonium Chloride (Agricultural Grade) (Chinese)

依据GB/T16483-2008,GB/T17519-2013

供应商：湖北达亨农业科技发展有限公司

编制日期：2026-09-13

第1部分 化学品及企业标识

1.1 化学品名称：农用氯化铵

英文：Ammonium Chloride (Agricultural Grade)

CAS-No: 12125-02-9; EC-No: 235-186-4

分子式NH₄Cl, 分子量53.49

1.2 企业信息

公司：湖北达亨农业科技发展有限公司

地址：湖北省枣阳市环城鲍庄村九组

电话：+86 138 1667 2110

邮箱：wangyazhong@dahengagro.com

1.3 推荐用途：农业氮肥，基肥、追肥

限制用途：忌氯作物慎用；禁止食品、饲料使用。

第2部分 危险性概述

GHS分类：

H319 造成严重眼刺激；H335 可能引起呼吸道刺激。

象形图：⚠；警示词：警告

侵入途径：吸入粉尘、食入、皮肤、眼接触。

健康危害：粉尘刺激呼吸道；入眼强烈刺激；大量误食刺激肠胃。

环境危害：大量流失进入水体，对水生生物有害。

燃爆特性：不燃；高温分解产生氨气、氯化氢刺激性烟气。

第3部分 成分/组成信息

氯化铵，CAS：12125-02-9，总氮（以干基计）≥24.5%；微量杂质。

第4部分 急救措施

吸入：移至新鲜空气处，不适就医。

皮肤接触：脱去污染衣物，清水冲洗。

眼睛接触：大量清水持续冲洗≥15分钟，就医。

食入：大量饮水，禁止催吐，就医。

第5部分 消防措施

不燃；灭火剂：水、干粉。

高温分解产生氨气、氯化氢。消防员佩戴呼吸防护。

第6部分 泄漏应急处理

防护：防尘口罩、护目镜、橡胶手套。

收集泄漏物料可回收用于农业；防止冲入河道、下水道污染水体。

第7部分 操作处置与储存

操作通风，减少粉尘；

储存阴凉干燥，密封防潮；严禁与石灰、烧碱等强碱混存，接触释放氨气。

第8部分 接触控制/个体防护

呼吸防护：粉尘环境佩戴防尘口罩；

眼防护：护目镜；手防护：橡胶手套；身体：工作服。

第9部分 理化特性

外观：白色/微黄/粉红色结晶颗粒

pH(200g/L,25°C): 4.0~6.0

升华点337.8°C；相对密度1.53；易溶于水。

第10部分 稳定性和反应性

常温稳定；禁忌物：强碱，接触释放氨气。

第11部分 毒理学信息

急性经口LD50（大鼠）：1650mg/kg；粉尘刺激眼、呼吸道。

第12部分 生态学信息

大量进入水体对水生生物有害，避免雨季大量流失污染地表水。

第13部分 废弃处置

废弃肥料可合规还田；包装袋清洗回收。不可直接排入水体。

第14部分 运输信息

UN编号：无，不属于危险货物

运输品名：农用氯化铵

包装：25/50kg内衬PE编织袋；1000kg吨包

HS编码：2827101000

运输注意防潮防雨。

第15部分 法规信息

国内按肥料产品管理；出口遵守进口国肥料登记法规。

第16部分 其他信息

编制日期：2026-09-13

免责声明：本SDS仅供外贸报关、客户资料参考；产品指标以本厂检测报告为准。

Safety Data Sheet

English - Ammonium Chloride (Agricultural Grade)

Safety Data Sheet — Ammonium Chloride (Agricultural Grade)

Revision Date: Sep13,2026

Prepared per GB/T17519-2013, GB/T16483-2008

SECTION1 Identification

Product Name: Ammonium Chloride (Agricultural Grade)

CAS-No: 12125-02-9, EC-No:235-186-4

Formula NH_4Cl

Supplier: Hubei Daheng Agricultural Science and Technology Development Co., Ltd.

Address: Group9, Baozhuang Village, Huancheng, Zaoyang City, Hubei, China

Tel: +86 138 1667 2110

Email: wangyazhong@dahengagro.com

Recommended use: Agricultural nitrogen fertilizer, base / top dressing.

Restriction: Careful use on chlorine sensitive crops. Not for food & feed.

SECTION2 Hazards identification

GHS Classification:

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Signal word: WARNING

Pictogram: 

Health hazard: Dust irritates respiratory tract; severe eye irritation; ingestion irritate digestive tract.

Environmental hazard: Harmful to aquatic life at high concentration.

Fire: Non-combustible. Decompose at high temperature releasing ammonia and hydrogen chloride gas.

SECTION3 Composition

Ammonium Chloride, CAS: 12125-02-9,

Total N(on a dry basis) $\geq 24.5\%$,

minor impurities.

SECTION4 First aid measures

Inhalation: Move victim to fresh air, seek medical help if discomfort.

Skin: Remove contaminated clothes, rinse skin with plenty of clean water.

Eye: Rinse eyes continuously ≥ 15 min, consult physician.

Ingestion: Drink plenty of water. DO NOT induce vomiting. Get medical assistance.

SECTION5 Fire fighting measures

Non-combustible. Suitable media: water, dry powder.

Hazardous decomposition gas: ammonia, hydrogen chloride. Wear respirator for fire fighting.

SECTION6 Accidental release measures

PPE: dust mask, safety goggles, rubber gloves.

Collect spilled fertilizer for agricultural use. Prevent runoff into river and sewer.

SECTION7 Handling and storage

Maintain ventilation to reduce dust.

Store cool and dry, sealed. Keep far away from strong alkali like lime, caustic soda.

SECTION8 Exposure controls / PPE

Respiratory: dust mask in dusty area.

Eye: safety goggles. Hand: rubber gloves. Body: work uniform.

SECTION9 Physical & chemical properties

Appearance: white / slight yellow/pink crystal granules

pH(200g/L,25°C): 4.0~6.0

Sublimation point: 337.8°C, density1.53, soluble in water.

SECTION10 Stability and reactivity

Stable under normal condition. Incompatible with strong alkali, will release ammonia gas.

SECTION11 Toxicological information

Oral LD50 (rat): 1650 mg/kg. Dust irritates eyes and respiratory tract.

SECTION12 Ecological information

High concentration harmful to aquatic organism. Avoid large amount runoff to surface water.

SECTION13 Disposal considerations

Waste product may be applied to farmland following local regulation. Clean package for recycling. Do not discharge directly to water.

SECTION14 Transport information

UN Number: Not applicable, non-dangerous goods.

Shipping name: Ammonium Chloride (Agricultural Grade)

Packing: 25/50kg woven bag with PE liner. 1000kg ton bag

HS Code: 2827101000

Keep dry during transport.

SECTION15 Regulatory information

Regulated as fertilizer product in China. Follow fertilizer registration rules of importing country.

SECTION16 Other information

Date: Sep13,2026

Disclaimer: This SDS is prepared for foreign trade and customs declaration reference only. Actual specifications subject to factory test report.

无水硫酸镁 | TDS+SDS (中文+英文)

DAZZLING® · Hubei Daheng Agricultural Science and Technology Development Co., Ltd.

Specification values are those of the factory technical data sheet and are subject to the certificate of analysis issued with each batch. HS commodity codes are quoted for guidance — confirm the applicable code for the declared product name and use with your customs broker.