

DAZZLING®

High-Tower Compound Fertilizer 25-12-8 + 2MgO + 0.2Zn · 高塔复合肥 25-12-8

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

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HS code: 3105200090 (CN 10-digit commodity code)

TDS 技术数据表

Technical Data Sheet — High-Tower Compound Fertilizer 25-12-8

一、TDS 技术数据表 (中文)

Technical Data Sheet

产品名称: 高塔造粒复合肥料 25-12-8

公司名称: 湖北达亨农业科技发展有限公司

HS编码: 3105200090

地址: 湖北省枣阳市环城鲍庄村九组

联系电话: 13816672110

邮箱: wangyazhong@dahengagro.com

产品介绍

本品为高塔熔融造粒工艺生产的氮磷钾复合颗粒肥料, 添加镁、锌中微量元素; 水溶性好, 养分均匀, 适用于大田作物、果树、蔬菜, 基施、追施均可。

技术指标 (GB/T15063-2020)

表格

项目

| 指标

| 总养分 (N+P₂O₅+K₂O)

| ≥45%

| 总氮 (N)

| 25%

| 五氧化二磷 (P₂O₅)

| 12%

| 氧化钾 (K₂O)

| 8%

| 氧化镁 (MgO)

| ≥2%

| 锌 (Zn)

| ≥0.2%

| 外观

| 灰白色颗粒

| 颗粒粒径

| 1.5–4.5 mm

| 水分

| $\leq 2.0\%$

| 水溶性磷占有效磷

| $\geq 70\%$

| 氯离子

| $\leq 3.0\%$

| 原料组成

尿素 47.8%，磷酸一铵 27.3%，硫酸钾 16%，硫酸镁 8.3%，硫酸锌 0.6%

使用方法

适用玉米、小麦、果树、蔬菜等各类经济及大田作物；用作基肥或追肥，根据作物类型、土壤肥力调整施用用量。

包装规格

25kg / 袋，或按客户需求定制包装

储存条件

存放于阴凉、干燥、通风库房，防雨防潮，远离食品、饲料；避免儿童接触。

保质期

24 个月（未开封原包装）

Technical Data Sheet

English · High-Tower Compound Fertilizer 25-12-8

TDS English Version

Product Name: Tower Granulation Compound Fertilizer 25128

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

HS: 3105200090

Address: Group 9, Baozhuang Village, Huancheng, Zaoyang City, Hubei Province

Tel: +86 138 1667 2110649879368

E-mail: wangyazhong@dahengagro.com

Product Description

This is NPK compound granular fertilizer produced by tower melt granulation process, supplemented with magnesium and zinc medium & trace elements. Good water solubility and uniform nutrition. Suitable for field crops, fruit trees and vegetables, for base application and topdressing.

Technical Specifications (GB/T15063-2020)

Item

| Specification

| Total Nutrient (N+P₂O₅+K₂O)

| ≥45%

| Total Nitrogen (N)

| 25%

| Phosphorus Pentoxide (P₂O₅)

| 12%

| Potassium Oxide (K₂O)

| 8%

| Magnesium Oxide (MgO)

| ≥2%

| Zinc (Zn)

| ≥0.2%

| Appearance

| Off-white granular

| Particle Size

| 1.5–4.5 mm

| Moisture

| ≤2.0%

| Water-soluble Phosphorus / Available Phosphorus

| ≥70%

|

Raw Material Composition

Urea 47.8%, Monoammonium phosphate 27.3%, Potassium sulfate 16%, Magnesium sulfate 8.3%, Zinc sulfate 0.6%

Application

Suitable for corn, wheat, fruit trees, vegetables and other field & cash crops. Used as base fertilizer or topdressing. Dosage depends on crop varieties and soil fertility.

Package

25kg/bag or customized.

Storage

Store in cool, dry, ventilated warehouse, keep rain-proof and moisture-proof. Keep away from food and feed. Keep out of reach of children.

Shelf Life

24 months (unopened original package)

SDS 化学品安全技术说明书

Safety Data Sheet — High-Tower Compound Fertilizer 25-12-8 (Chinese)

SDS 安全数据表

1. 化学品及企业标识

化学品名称: 高塔造粒复合肥料 25-12-8

推荐用途: 农业肥料, 作物营养供给

限制用途: 仅农业使用, 禁止食用

企业名称: 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

联系电话: 13816672110

邮箱: wangyazhong@dahengagro.com

CAS 号: Not applicable

EC 号: Not applicable (成品为混合物)

HS编码: 3105200090

2. 危险性概述

GHS 分类: 本品不属于危险化学品, 无 GHS 危险分类。

侵入途径: 吸入粉尘、皮肤接触、眼睛接触、误食。

健康危害: 粉尘吸入可轻微刺激呼吸道; 眼睛接触会产生刺激; 大量误食可引起恶心、肠胃不适。

环境危害: 正常农业施用对环境风险低; 大量直接排入水体可造成水体富营养化。

3. 成分 / 组成信息

表格

组分

| CAS 号

| EC 号

| 质量占比

| 尿素 Urea

| 57136

| 2003153

| 47.8%

| 磷酸一铵 Monoammonium phosphate

| 7722761

| 2317645

| 27.3%

| 硫酸钾 Potassium Sulfate

| 7778805

| 231-649-2

| 16.0%

| 硫酸镁 Magnesium Sulfate

| 7487-88-9

| 231-298-2

| 8.3%

| 硫酸锌 Zinc Sulfate

| 7733-02-0

| 231-793-3

| 0.6%

| 4. 急救措施

吸入：转移至空气新鲜处，如持续不适就医。

皮肤接触：清水冲洗接触部位。

眼睛接触：大量流动清水冲洗至少 15 分钟，及时就医。

食入：禁止催吐，饮用大量清水，立刻就医。

5. 消防措施

产品不可燃。适用灭火剂：水、干粉、泡沫。

有害分解产物：高温分解会释放氨气、硫氧化物烟气。

消防人员防护：佩戴防尘口罩。

6. 泄漏应急处理

个人防护：防尘口罩。

泄漏处理：收集散落颗粒，清扫回收，避免扬尘；不要直接冲入下水道。

环境防护：防止大量物料流入河流、池塘。

7. 操作处置与储存

操作注意事项：作业避免扬尘；佩戴防尘口罩。

储存条件：阴凉干燥通风仓库，密封保存，远离食品、饲料，儿童不可接触。

8. 接触控制 / 个体防护

职业接触限值：无相关限值。

呼吸防护：粉尘大时佩戴防尘口罩。

眼睛防护：建议佩戴护目镜。

皮肤防护：橡胶手套。

9. 理化特性

外观：灰白色颗粒

气味：轻微氨味或无味

pH (1% 水溶液)：4.5~7.0

溶解性：部分溶于水

粒径：1.5–4.5 mm

稳定性：常温稳定 可燃性：不可燃

10. 稳定性和反应性

稳定性：常温条件稳定。

禁忌物：强碱、石灰类物质。

危险反应：与强碱接触，会释放氨气。

11. 毒理学信息

急性毒性：混合物低毒；原料均为低毒农用化学品。

慢性毒性：规范使用条件下，无慢性毒害风险。

12. 生态学信息

生态毒性：合理施用对水生生物低毒；大量进入水体造成富营养化。

生物降解性：无机盐类，自然界可循环。

13. 废弃处置

废弃物：可回收作为肥料使用；不可回收物料遵照当地法规处置，禁止随意丢弃。 包装处置：包装袋统一回收处理。

14. 运输信息

UN 编号：无（非危险货物）

运输名称：复合肥料

危险类别：无

包装类别：无

运输注意事项：防雨防潮，避免暴晒；禁止与食品、饲料同车混运。

15. 法规信息

中国法规：不属于危险化学品；出口按海关法检要求执行。

国际法规：遵守目的国肥料相关管理法规。

16. 其他信息

本 SDS 基于现有资料编制，仅作为安全参考。使用者需结合现场工况评估风险。 编制日期：2026-9-13

Safety Data Sheet

English · High-Tower Compound Fertilizer 25-12-8

SDS English Version

SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

Chemical Name: Tower Granulation Compound Fertilizer 25128 Recommended use: Agricultural fertilizer for crop nutrition supply Restrictions on use: Agricultural use only. Do not ingest.

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

Address: Group 9, Baozhuang Village, Huancheng, Zaoyang City, Hubei Province

Tel: +86 138 1667 2110649879368

E-mail: wangyazhong@dahengagro.com

CAS No.: Not applicable;

EC No.: Not applicable (Mixture)

HS 3105200090

2. Hazards identification

GHS Classification: Not classified as hazardous chemical. No GHS hazard class. Routes of exposure: Inhalation of dust, skin contact, eye contact, ingestion. Health hazards: Dust may mildly irritate respiratory tract. Eye contact causes irritation. Large ingestion may cause nausea and gastrointestinal discomfort. Environmental hazards: Low risk under normal agricultural use. Mass discharge into water causes eutrophication.

3. Composition / information on ingredients

Component

| CAS No.

| EC No

| Content

| Urea

| 57136

| 2003153

| 47.8%

| Monoammonium phosphate

| 7722761

| 2317645

| 27.3%

| Potassium Sulfate

| 7778805

| 231-649-2

| 16.0%

| Magnesium Sulfate

| 7487-88-9

| 231-298-2

| 8.3%

| Zinc Sulfate

| 7733-02-0

| 231-793-3

| 0.6%

| 4. First-aid measures

Inhalation: Move victim to fresh air. Seek medical help if discomfort persists. **Skin contact:** Rinse skin with plenty of clean water. **Eye contact:** Flush eyes with plenty of running water for at least 15 minutes, then seek medical treatment. **Ingestion:** Do NOT induce vomiting. Drink plenty of clean water and seek medical help immediately.

5. Fire-fighting measures

Non-flammable. Suitable extinguishing media: water, dry powder, foam. Hazardous decomposition products: Ammonia gas, sulfur oxides under high temperature. Protection for firefighters: Wear dust mask.

6. Accidental release measures

Personal protection: Dust mask. **Spill handling:** Collect scattered granules, avoid dust; do not wash directly into sewer. **Environmental precautions:** Prevent bulk material from entering rivers and ponds.

7. Handling and storage

Handling: Avoid dust generation during operation, wear dust mask. **Storage:** Cool, dry and ventilated warehouse. Keep away from food, feed and out of reach of children.

8. Exposure controls / personal protection

Occupational exposure limit: Not available. **Respiratory protection:** Dust mask in dusty environment. **Eye protection:** Safety goggles recommended. **Skin protection:** Rubber gloves.

9. Physical and chemical properties

Appearance: Off-white granular solid **Odor:** Odorless or slight ammonia smell **pH (1% solution):** 4.5~7.0 **Solubility:** Partially soluble in water **Particle size:** 1.5–4.5 mm **Stability:** Stable at ambient temperature **Flammability:** Non-flammable

10. Stability and reactivity

Stability: Stable under normal ambient temperature. **Incompatible materials:** Strong alkali, lime. **Hazardous reaction:** Contact with strong alkali may release ammonia gas.

11. Toxicological information

Acute toxicity: Low toxic mixture, raw materials are low toxicity agrochemicals. **Chronic toxicity:** No chronic hazard when properly applied.

12. Ecological information

Ecotoxicity: Low toxicity to aquatic organisms under proper application. Mass leakage causes eutrophication. **Biodegradability:** Inorganic salts, natural circulation in nature.

13. Disposal considerations

Waste: Can be recycled as fertilizer. Dispose according to local regulations. Do not discard randomly. **Packaging disposal:** Recycle packaging bags.

14. Transport information

UN No.: None (Not dangerous goods) **Proper shipping name:** Compound Fertilizer **Hazard class:** None **Packing group:** None **Transport notes:** Keep rain-proof and moisture-proof, avoid direct sunlight. Do not transport together with food and feed.

15. Regulatory information

Chinese regulation: Not hazardous chemical, export subject to commodity inspection. **International regulation:** Comply with local fertilizer regulations of destination country.

16. Other information

This SDS is prepared based on available data for safety reference only. Users shall assess risks according to actual conditions.

Date of preparation: Sep 13, 2026