



Safety Data Sheet

According to 1907/2006/EC, Article 31

16.07.2007 Revision: 16.07.2007

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

Product name: UMOSTART SUPER ZN

Formulation type: Granule

Article number: 4030

Use: Fertilizer

Manufacturer/Supplier: Sipcam UK Limited, 3 The Barn, 27 Kneesworth Street, Royston, Herts SG8 5AB

Emergency information: Emergency phone: Office 01763212100

2. COMPOSITION/INFORMATION ON INGREDIENTS

Mol formula

Description: Mixture consisting of the following components.

Dangerous components:

| N° CAS | Designation | R-Phrases | % |
|-------------------------------------|--------------------------------------|-----------|--------|
| CAS: 7722-76-1 EINECS: 231-764-5 | ammonium dihydrogenorthophosphate | | 98.66% |
| CAS: 1314-13-2 EINECS: 215-222-5 | zinc oxide | | 1.34% |

3. HAZARDS IDENTIFICATION

Information pertaining to particular dangers for man and environment

No hazards to be particularly mentioned.

Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4. FIRST AID MEASURES

General information Instantly remove any clothing soiled by the product.

After inhalation Supply fresh air; consult doctor in case of symptoms.

After skin contact The product is not skin irritating.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing In case of persistent symptoms consult doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Water

Special hazards caused by the material, its products of combustion or resulting gases:

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

**Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear protective clothing.

Measures for environmental protection:

Do not allow product to reach sewage system or water bodies.

Measures for cleaning/collecting: Collect mechanically.

7. HANDLING AND STORAGE**Handling****Information for safe handling:**

Prevent formation of dust.

Keep containers tightly sealed.

Work only in fume cupboard.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect from heat.

The product is not flammable

Storage

Store the product closed in its original containers at temperature <math><40^{\circ}\text{C}</math> in a cool and dry place, away from heat sources and direct sunlight.

Requirements to be met by storerooms and containers:

Store only in the original container.

Store in cool location.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Protect from humidity and keep away from water.

Store under dry conditions.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Personal protective equipment**General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Breathing equipment:

Recommended filter device for short term use: Filter P1

Protection of hands:

Material of gloves: Rubber gloves

Eye protection: Tightly sealed safety glasses.

Body protection:

Protective work clothing.



9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Solid.

Colour: Beige

Odour: Characteristic

Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

Flash point: Not applicable

Self-inflammability: Product is not self-igniting.

Density at 20°C 800-900 g/l

Solubility in / Miscibility with

Water: Partly soluble

Solvent content:

Water: 1 %

Solids content: 99 %

10. REACTIVITY AND STABILITY

No decomposition if used and stored according to specifications.

Dangerous reactions

Hazardous polymerisation has not been reported to occur under normal temperatures and pressures.

Dangerous products of decomposition:

Nitrous vitriol gases

Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritant effect.

Sensitization: No sensitizing effect known.

12. ECOLOGICAL INFORMATION

Information about elimination (persistence and degradability):

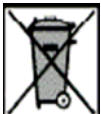
Other information: The product is biodegradable.

General notes: Not known to be hazardous to water.

13. DISPOSAL

Product:

Recommendation



Must be specially treated under adherence to official regulations.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT

Land transport ADR/RID (cross-border)



ADR/RID-GGVS/E Class: NR

Maritime transport IMDG:

IMDG Class: NR

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: NR

15. REGULATORY INFORMATION

Designation according to EC guidelines:

Observe the normal safety regulations when handling chemicals

Code letter and hazard designation of product: Not classified

16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet: Product safety department.

Contact:

Product safety department

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* **Data compared to the previous version altered.** 19.02.2002