

Safety data sheet
according to 1907/2006/EC, Article 31

print: 23.11.2015

rev n°: 2

Revision date: 23.11.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: UMOSTART SUPER ZN

kind of formulation: Microgranule

Article number: 4033 b

Use Fertilizer

kind of product: Fertilizer CE - Fertilizer NP 11.50 with Zinc (Zn)

Registration number REACH

Not applicable.

NA

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant use: Agriculture.

Application of the substance / the mixture Agricultural chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Sipcam Italia S.p.A. - via Sempione 195

20016 Pero (MI) n tel: +39 02 353781

Sede operativa: via san Colombano 81/A (LO) tel: +39 0371/5971

1.4 Emergency telephone number:

Emergency phone: + 39 0371 5961 (24/24h)

For any questions regarding this MSDS please contact:

msds@sipcam.it

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms Void

Signal word Void

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P233 Keep container tightly closed.

P273 Avoid release to the environment.

P270 Do not eat, drink or smoke when using this product.

Additional information:

Do not contaminate water with the product or its container.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of the substances listed below with harmless additions.

(Contd. on page 2)

GB

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(Contd. of page 1)

Dangerous components:

N° CAS	Designation	R-Phrases	%
CAS: 1314-13-2	zinc oxide		0.25 ≤ C < 2.5%
EINECS: 215-222-5	 Aquatic Acute 1, H400; Aquatic Chronic 1, H410		

SECTION 4: First aid measures**4.1 Description of first aid measures**

General information Instantly remove any clothing soiled by the product.

After inhalation Keep affected persons into the open air, position comfortably and keep warm.

After skin contact

The product usually does not cause skin irritation, anyway wash the affected parts with plenty of water.

After eye contact

Rinse opened eye for several minutes under running water, until symptoms disappear, and then with ophthalmic decongestant solution; seek medical attention. Take immediately to hospital, in case of severe injuries.

After swallowing Do not induce vomiting; instantly call for medical help.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents**

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

Water

5.2 Special hazards arising from the substance or mixture

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

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

5.3 Advice for firefighters**Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing.

6.2 Environmental precautions:

Avoid ignition sources.

Inform respective authorities in case product reaches water or sewage system.

6.3 Methods and material for containment and cleaning up: Collect mechanically.

6.4 Reference to other sections

See Section 8 for information on personal protection equipment.

*** SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Prevent formation of dust.

Keep containers tightly sealed.

Work only in fume cupboard.

(Contd. on page 3)

Safety data sheet
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(Contd. of page 2)

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

The product is not flammable

7.2 Conditions for safe storage, including any incompatibilities**Storage****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:

Prevent storage with incompatible materials (see chapter 10).

Further information about storage conditions:

Protect from humidity and keep away from water.

Store under dry conditions.

7.3 Specific end use(s)

Agriculture

To be applied strictly for the uses described in the label.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Components with limit values that require monitoring at the workplace:**

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

8.2 Exposure controls**Personal protective equipment****General protective and hygienic measures**

The usual precautionary measures for handling chemicals shall be observed.

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: Use breathing protection in case of insufficient ventilation.**Recommended filter device for short term use:** Filter P1**Protection of hands:****Material of gloves:** Rubber gloves**Eye protection:**

Safety glasses

Body protection:

Protective work clothing.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information****Appearance:****Form:**

Solid.

(Contd. on page 4)

Safety data sheet
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(Contd. of page 3)

Colour:	Red
Odour:	Characteristic
pH-value at 20 °C:	5
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not applicable.
Flash point:	Not applicable
Inflammability (solid, gaseous)	Product is not inflammable.
Ignition temperature:	Not determined
Decomposition temperature:	Not determined.
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
Oxidising properties	Not an oxidiser
Vapour pressure:	Not applicable.
Density at 20 °C	0.9 g/cm ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Partly soluble
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
9.2 Other information	Microgranules with average diameter 0.5-1 nm.

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SECTION 10: Stability and reactivity

10.1 Reactivity The product is not reactive under recommended handling conditions.

10.2 Chemical stability Stable under the recommended handling and storage conditions (see section 7).

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions are known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: None in standard storage conditions.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

(Contd. on page 5)

GB

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(Contd. of page 4)

CMR effects (cancerogenity, mutagenicity and toxicity for reproduction)**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****1314-13-2 zinc oxide**

EC50 (48h) 12.3 mg/l (-)

EC50 (96h) 1120 mg/l (fish)

12.2 Persistence and degradability No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Must be specially treated under adherence to official regulations.

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information**

14.1 UN-Number	NR
ADR,RID,ADN, ADN, IMDG, IATA	Void

14.2 UN proper shipping name	NR
ADR,RID,ADN, ADN, IMDG, IATA	Void

14.3 Transport hazard class(es)	
ADR,RID,ADN, IMDG, IATA	
Class	Void
Label	-
ADN/R Class:	Void

14.4 Packing group	NR
ADR,RID,ADN, IMDG, IATA	Void

14.5 Environmental hazards:	
Marine pollutant:	No

14.6 Special precautions for user	Not applicable.
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(Contd. on page 6)

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(Contd. of page 5)

Kemler Number:	-
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	UN-, -

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No further relevant information available.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

In case of emergency, contact your local Poison Centre through Global Health observatory data of the World Health Organization.

Department issuing data specification sheet: Product safety department.

Contact:

Product safety department

SIPCAM Stabilimento di Salerano sul Lambro (LO)

TEL.: +39 03715961 - FAX : +39 037171408

H statements of components:

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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

26.02.2014

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