



Zitrilon 10 SM

Version 1
Revision Date 07.05.2007

Print Date 07.05.2007

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : Zitrilon 10 SM

Use of the Substance/Preparation : fertiliser

Company : COMPO GmbH & Co. KG
Gildenstraße 38
D-48157 Münster

Telephone : +49-0251/3277-0
Telefax : +49-0251/326225

Emergency telephone number : Central Safety & Environment
Telephone: +49-251-3277-0

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Metal chelate
trace elements

Hazardous components

Chemical Name	CAS-No.	EINECS-No.	Index-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Ethylendiaminetetraacetic acid Zinc chelate	14025-21-9	237-865-0				10

For the full text of the R phrases mentioned in this Section, see Section 16.

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

The product does not require a hazard warning label in accordance with EC Directives.
Contact with eyes may cause irritation.
May cause irritation of the mucous membranes.

4. FIRST AID MEASURES

General advice : Take off immediately all contaminated clothing.
Wash contaminated clothing before re-use.
If symptoms persist, seek medical advice.



Zitrilon 10 SM

Version 1
Revision Date 07.05.2007

Print Date 07.05.2007

- | | | |
|--------------|---|--|
| Inhalation | : | Fresh air.
Seek medical attention. |
| Skin contact | : | Wash off thoroughly with ample water. |
| Eye contact | : | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| Ingestion | : | Rinse mouth immediately and then drink plenty of water, seek medical attention.
Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. |

5. FIRE-FIGHTING MEASURES

- | | | |
|--|---|---|
| Suitable extinguishing media | : | water spray
foam
carbon dioxide (CO ₂)
dry powder |
| Specific hazards during fire fighting | : | Evolution of toxic gases/vapours.
nitrogen oxides
carbon monoxide
carbon dioxide (CO ₂) |
| Special protective equipment for fire-fighters | : | Wear a self-contained breathing apparatus.
In the event of fire and/or explosion do not breathe fumes. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|---------------------------|---|--|
| Personal precautions | : | Avoid dust formation.
Ensure adequate ventilation.
Use personal protective equipment.
Keep people away from and upwind of spill/leak. |
| Environmental precautions | : | Do not empty into drains.
Product should not reach open waters. |
| Methods for cleaning up | : | Sweep up or vacuum up spillage and collect in suitable container for disposal.
Dispose contaminated material waste according to item 13. |



Zitrilon 10 SM

Version 1
Revision Date 07.05.2007

Print Date 07.05.2007

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.

Storage

Requirements for storage areas and containers : Keep tightly closed in a dry, cool and well-ventilated place.
Further information on storage conditions : Protect from atmospheric humidity.
Storage with other substances : Segregate from foodstuffs.
German storage class : 13

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Ensure thorough ventilation of stores and work areas.

Personal protective equipment

Respiratory protection : Not necessary if room is well-ventilated.
Short term filtering device: filter P2

Hand protection : Chemical resistant protective gloves (EN 374).
The selection of suitable depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection : safety glasses

Skin and body protection : protective suit

Hygiene measures : Keep away from food, drink and animal feedingstuffs.

Protective measures : Handle in accordance with good industrial hygiene and safety practice.

**Zitrilon 10 SM**Version 1
Revision Date 07.05.2007

Print Date 07.05.2007

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : powder
Colour : white
Odour : characteristic

Safety data

pH : approx.7 - 8
at (20 °C)
Flash point : Note: not applicable
Explosive properties : not explosive, Dust can form an explosive mixture with air.
Density : approx.0,9 g/m³
at 20 °C
Water solubility : approx.1.000 g/l
at 20 °C
soluble

10. STABILITY AND REACTIVITY

Materials to avoid : strong oxidizing agents
Hazardous decomposition products : nitrogen oxides
Nitrose gases
Thermal decomposition : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: > 2.000 mg/kg
Acute dermal toxicity : Remarks: non toxic
The product was not tested. The statement was derived from products of similar structure and composition.
Skin irritation : rabbit
Result: non-irritant
Remarks:The product was not tested. The statement was derived from products of similar structure and composition.



Zitrilon 10 SM

Version 1
Revision Date 07.05.2007

Print Date 07.05.2007

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50
Species: sunfish, bluegill
Dose: > 1.000 mg/l
Exposure time: 96 h

Additional ecological information : Do not flush into surface water or sanitary sewer system.
Instructions for use of the manufacturer/supplier is to consider.

13. DISPOSAL CONSIDERATIONS

Product : Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Test for use in agriculture.
Observe all local regulations.

Contaminated packaging : Packs that cannot be cleaned should be disposed of in the same manner as the contents.
Observe all local regulations.

Waste key for the unused product : 02 01 09: Wastes of chemicals for the agriculture excepted of those, which are listed under 02 01 08

14. TRANSPORT INFORMATION

Further Information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

The product does not require a hazard warning label in accordance with EC Directives.

National legislation

Water contaminating class : WGK 2 water endangering
(Germany)

16. OTHER INFORMATION

Further information



Zitrilon 10 SM

Version 1
Revision Date 07.05.2007

Print Date 07.05.2007

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.