

Material Safety Data Sheet

Viano MO Bacter Instant

According to EC Regulation 1272/2008 and 547/2011 (CLP)

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

1.1 Identification of the product:

Compound liquid fertiliser NK 1,5-6

1.2 Use of the preparation:

Liquid fertiliser for lawns with mosses

1.3 Company identification:

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2. RISKS

Not a hazardous product.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

hazardous ingredients	CAS-nr	concentration	hazard symbol	H-sentences
<i>no hazardous ingredients</i>	-	-	-	-

4. FIRST AID MEASURES

In case of eye contact: rinse with clear water away from the affected eye.
Consult a doctor when irritation remains.

In case of skin contact: wash with plenty of water and soap.

In case of inhalation (of vapours): remove in open air and take a rest. Consult a doctor when symptoms remain.

In case of swallowing: clean mouth with water. Consult a doctor immediately.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media:

CO₂, foam, water, powder

5.2 Extinguishing media which shall not be used for safety reasons:

none

5.3 Special exposure hazards:

unknown

5.4 Special protective equipment for fire-fighters:

respiratory mask

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

wash hands with water and soap after spilling. Avoid contact with skin and eyes.

6.2 Environmental precautions:

Avoid contamination of streams and waterways.

6.3 Methods for cleaning up:

Flush away the product with lots of water (dilution).

7. HANDLING AND STORAGE

7.1 Handling:

Avoid eating, drinking and smoking during application.

7.2 Storage:

store in a dry place. Keep in original closed package. Avoid extreme low and high temperatures. Keep away from chemicals.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Exposure limit values:

no extra information

8.2 Exposure controls:

none

8.2 Measurement procedures:

none

8.4 Personal protection

Eye protection: none (avoid the eyes to get in contact with the product)

Skin protection: none (wash with water and soap in case of contact with skin)

Hand protection: none (wash with water and soap in case of contact with hand skin)

Respiratory protection: avoid inhaling of vapours

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance : brown liquid product

9.2. Odor : light organic and aromatic flavor

9.3. pH (concentrated) : 5,5 - 7

pH (10 %-water solution) : 6,5 – 6,8 (neutral)

9.4. Boiling point : not known

9.5. Melting point : n.a.

9.6. Flash point : n.a.

9.7. Flammability (solid, gas): not under normal circumstances

9.8. Auto-ignition temperature: not known

9.9. Explosive properties: none

9.10. Oxidising properties: do not mix with reactive compounds

9.11. Vapor pressure : n.a.

9.12. Specific gravity : 1,2 - 1,3 kg/L

9.13. Solubility :

- in water : entirely water soluble.
- in fat : not known

9.14. Partition coefficient: n-octanol / water: not known

9.15. Vapour density: not known

10. STABILITY AND REACTIVITY

10.1. Stability :

stable under normal conservation conditions. Sensitive to microbial decomposition.

10.2. Conditions to avoid:

High (> 40 °C) and low (< 5 °C) temperatures

10.3. Materials to avoid:

avoid reactive products, oxidising agents, strong acids and alkali

10.4. Hazardous decomposition products:

CO₂, SO₂, N_xO_y et S_xO_y under high temperatures

11. TOXICOLOGICAL INFORMATION

11.1. Symptoms of exposure :

In case of eye contact: irritation.

In case of skin contact: lightly irritating in case of sensitive skin

In case of inhalation (of vapour) : irritating

In case of swallowing: dizziness, stomach and intestinal complaints, nausea

11.2. Carcinogenic : n.a.

11.3. Toxicity :

- Oral (LD-50 rat) : n.a.
- Dermal (LD-50 rabbit) : n.a.
- Inhalation (LC-50 4h) : n.a.

12. ECOLOGICAL INFORMATION

12.1 Eco toxicity:

eutrophication of water and stimulating growth of algae in water (can cause damage to fish)

12.2 Environmental effects :

increase of EC and salt level in surface and water

12.3 Persistence and degradability:

microbial decomposition and absorption by living organisms

12.4 Bio-accumulative potential:

None

13. DISPOSAL CONSIDERATIONS

13.1. Product : exclusively to be used as fertiliser

13.2. Package : Waste material should be dumped under condition which meet all federal, state and local environmental control regulations. Do not burn in open air.

14. TRANSPORT INFORMATION

14.1. Product Identification Number (UN number) : -

14.2. Truck ADR/RID : -

14.3. Cargo by sea IMDG : -

14.4. Cargo by air IATA/ICAO : -

15. REGULATORY INFORMATION

15.1. Label : compound liquid fertiliser NK 1,5-6

Hazard symbol : none

Ingredients : prime materials for fertiliser production

H sentences : none

P/EUH sentences : none

15.2. EINECS number : -

15.3. Special remarks : -

16. OTHER INFORMATION

This information is given without warranty, express or implied, about product quality and product effects, except that it is accurate to the best knowledge of the company.

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