

Material Safety Data Sheet

Compound Organic Fertiliser

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

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

1.1 Identification of the substance:

Compound organic fertiliser NPK
(contains entirely prime materials from organic plant and animal sources additionally added with natural mineral sources)

1.2 Use of the preparation:

Fertiliser for plant feeding

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 inhalation: in case of dust inhalation remove into fresh air.

In case of swallowing: drink water - consult a doctor when complaints persists.

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

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

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media:
CO₂, foam, water

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 after spilling. Avoid inhalation of dust and avoid contact with eyes.

6.2 Environmental precautions:
sweep or scoop up and collect for disposal. Flush area with lots of water. Avoid contamination of streams and waterways.

6.3 Methods for cleaning up:
collect product leftover and use as fertiliser

7. HANDLING AND STORAGE

7.1 Handling:

no special precautions needed.

7.2 Storage:

store in a dry place. Keep away from chemicals. Keep in original closed package.

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

Respiratory protection: none (use in open air)

Hand protection: none (use gloves in case of a sensitive skin)

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance : brown to black granular product

9.2. Odour : light organic flavour

9.3. pH (concentrated) : n.a.

pH (10 %-water solution) : 6-7

9.4. Boiling point : n.a.

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 : 650 – 720 g/L

9.13. Solubility :

- in water : very limited 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:

avoid humid conservation circumstances.

10.3. Materials to avoid:

avoid reactive products and oxidising agents.

10.4. Hazardous decomposition products:

not known

11. TOXICOLOGICAL INFORMATION

11.1. Symptoms of exposure :

In case of eye contact: irritation.

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

In case of inhalation: irritation

In case of swallowing (of bigger quantities) : 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 Ecotoxicity:

eutrophication of water and inducing growth of algae in water

12.2 Environmental effects :

increase of salt level in surface and water

12.3 Persistence and degradability:

microbial decomposition and absorption by living organisms

12.4 Bioaccumulative potential:

not known

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 organic fertiliser NPK

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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