

SAFETY DATA SHEET (MSDS) FOR
FERTIPLUS LIQUID 3-2-7

1. IDENTIFICATION OF THE PRODUCT AND OF THE PRODUCER

Product name: FERTIPLUS LIQUID 3-2-7
Product type: Organic Liquid Fertilizer
Company details: Ferm-O-Feed B.V.,
Gerstdijk 6,
5407 RG, Helmond (Noord Brabant)
The Netherlands
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance Potato & sugar beet protein liquor

Information on hazardous ingredients: This product does not contain any hazardous ingredients in accordance to EC regulations or National regulations.

3. HAZARDS IDENTIFICATION

Most important hazards: No physical/chemical, environmental or human health hazards have been reported or known.
Conform (EG) Nr. 1272/2008.

4. FIRST AID MEASURES

Effects and symptoms: No specific effects and/or symptoms have been reported or known.

First aid measures

Inhalation: Remove victim to fresh air. Consult a doctor in the event of any complaints.
Ingestion: Wash out mouth with water. Consult a doctor in the event of any complaints.
Skin contact: Remove contaminated clothing. Wash off with water and soap. Consult a doctor in the event of any complaints.



Eye contact: Wash out with plenty of water for at least 10 minutes. After initial flushing, remove any contact lenses and continue flushing. Consult a doctor in the event of any complaints.

Protection of first aiders: Avoid exposure. Use appropriate protection (see section 8).

5. FIRE FIGHTING MEASURES

Extinguishing media suitable: Not combustible.

Extinguishing media which must not be used for safety reasons: None

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases: None

Special protective equipment for fire-fighters: Wear self-contained breathing equipment

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid skin contact. Use personal protective equipment.

Environmental precautions: In case of exit of gas or into waters, ground or the drainage, appropriate authorities must be informed.

Methods for cleaning up: With liquid-binding material (sand, acid binders, universal binders). Treat according to the section "storage of waste."

Additional information: No dangerous substance.

7. HANDLING AND STORAGE

Handling: Advice on safe handling: Avoid skin contact. Avoid contact with skin, eyes and clothing. Slip hazard because of leaking or spilled product.
Advice on protection against fire and explosion: Not combustible. No special measures are necessary

Storage: Advice on storage compatibility: No limitations
Store in a well-ventilated place. Keep container tightly closed. (At room temperature)
Suitable material for containers / equipment: Stainless steel, PE (polyethylene), PVC (polyvinyl chloride). Always use venting function caps.
Further information on storage conditions: storage temperature: of 0°C up to 45°C



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:	Not stipulated
Hygiene measures	Wear personal protection equipment. Remove contaminated clothing. Wash hands before breaks and end of work. Do not eat or drink while working.
Eye protection / face	Wear eye / face protection.
Hand protection:	Wear protective gloves
Skin protection:	Wear suitable protective clothing.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information	
Physical state:	Liquid
Colour:	Brown
Odour:	characteristic
pH (by 20°C)	5,6-6
Melting point:	not determined
Inflammability	
Solid:	does not apply
Gas:	does not apply
Explosive properties	Not explosive.
Ignition temperature	None
Solid:	does not apply
Gas:	does not apply
Decomposition temperature:	> 80 ° C
Oxidizing properties	Not oxidizing.
Vapor Pressure:	Not determined.
Density	Not determined.
Water solubility:	Highly soluble.
Solubility in other solvents	Not determined.
Partition coefficient:	Not determined.
Viscosity / dynamic:	Not determined.
Viscosity / kinematic:	Not determined.
Vapor Density:	Not determined.
Evaporation rate:	Not determined.
Odour threshold	Not determined.

10. STABILITY AND REACTIVITY

Conditions to avoid	High temperatures/open storage
Reactivity:	No hazardous reactions if maintaining and storing in accordance with regulations.
Chemical stability:	Stable under normal storage ambient temperatures.
Dangerous reactions:	No dangerous reactions are known.
Conditions to avoid:	Do not expose to temperatures above 50 ° C.
Incompatible materials:	There is no information available.
Hazardous decomposition	No hazardous decomposition is known
Additional information:	Fermentation is possible.
Repacking:	Always use strong plastics cans with venting function caps.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Based on available data; classific. criteria not met.
Irritation and corrosivity:	Based on available data; classific. criteria not met.
Sensitizing effects:	Based on available data; classific. criteria not met.
STOT single exposure:	Based on available data; classific. criteria not met.
Severe effects after repeated or prolonged exposure:	Based on available data; classific. criteria not met.
Carcinogens, mutagens and reproductive toxicity:	Based on available data; classific. criteria not met.
Hazard by inhalation:	Based on available data; classific. criteria not met.
Additional advice tests:	The substance is not classified as dangerous according to Regulation (EC) no. 1272/2008 [CLP].

12. ECOLOGICAL INFORMATION

Toxicity:	The product is not Ecotoxic.
Persistence/degradability:	It has not been tested.
Bio accumulative potential:	It has not been tested.
Mobility in the soil:	It has not been tested.
Other adverse effects:	There is not information available
Further information	Do not discharge into drains or waters. Do not apply directly in the ground / soil.

13. DISPOSAL CONSIDERATIONS

Considerations on disposal:	Waste disposal according to official state regulations.
Contaminated packaging	Cleaned containers may be recycled. Contaminated packaging must be handled same way as the substance itself.

14. TRANSPORT INFORMATION

Land transport (ADR/RID):	Description of the goods Not a hazardous material with respect to these transportation regulations.
Inland waterways transport:	Description of the goods Not a hazardous material with respect to these transportation regulations.
Marine transport:	Description of the goods Not a hazardous material with respect to these transportation regulations.
Air transport:	Description of the goods Not a hazardous material with respect to these transportation regulations.

15. REGULATORY INFORMATION

National regulatory information	
Water contaminating class (D):	1 - slightly water contaminating
Chemical Safety Assessment:	This substance has not been tested safety.

16. OTHER INFORMATION

The information contained in the safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials, other packaging and/or in processes other than those specifically described herein. Ferm O Feed B.V. accepts no responsibility if the product is mixed with other materials, if the product is re-packed or any other procedure which is not under control of Ferm O Feed B.V.

(The data for the hazardous ingredients were taken respectively from the last version of the supplier's safety data sheet.)