



PRODUCT DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION COMPANY IDENTIFICATION

TRADE NAME

Urea Fatty Fraction

MARKETER:

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Safety data sheet compliant with legal requirements.

Labelling: UFF/Urea Fat Fraction as an organic-mineral fertiliser to be applied pre-sowing, mixed with soil to a depth of 10-20 cm. This fertiliser can also be applied in early spring, post-sowing on winter crops for all crops: winter and spring cereals, industrial and root crops, on grassland and in vegetable and fruit growing.

Application:

- As a fertiliser it is used to make up for the lack of nitrogen in the soil. Contains at least 33% total nitrogen - particularly easily absorbed by plants. Uptake by the root system - urea transforms by enzymatic hydrolysis into the plant-available ammonium form and then into the nitrate form;
- universal, for fertilising cereals, oilseed rape, beet, potatoes, maize, grassland and vegetable and fruit crops;
- adjust fertilisation rates according to agrologists' recommendations;
- do not apply shortly after a rain or during hot weather;

Fertiliser crystallisation: no nitrogen loss. During storage, especially in winter, the fertiliser crystallises and a "yellow precipitate" is also precipitated - this is a natural, acceptable phenomenon. Protect from strong sunlight. Store in a cool, dry and well-ventilated room in the recommended temperature range: +00 C to +300 C.

2. IDENTIFICATION OF RISKS

Warning notices: not applicable.

Effects on the human body: poses no risk to humans under normal conditions of intended use. Prolonged and repeated contact with skin may cause irritation. If the product enters the eyes, irritation may occur. There is no vapour effect at normal temperature.

Effects on animals: the product is not authorised as animal feed. If organic fertiliser and soil conditioner are applied to pastures where fodder crops are grown, there must be a 21-day quarantine after application of the product. Crops intended for livestock feed must not be harvested or livestock must not be allowed to scarify areas where organic fertiliser and soil conditioner have been applied until 21 days after application.

Environmental effects: readily water-soluble, biodegradable product.

COMPOSITION/INFORMATION ON INGREDIENTS

Composition:	Ingredients of concern:
Urea: approx. 73% Ethyl esters: approx. 22% Ethanol: 5% Nitrogen content: approx. 330 kg/t.	Phosphorus free product.

4. FIRST AID

General remark:

The generally accepted BP rules should be followed.

Inhalation:

At useable temperatures, there is basically no danger from vapours. In case of irritation of the respiratory tract - take exposed person to fresh air, in case of irregular breathing - perform artificial respiration and provide medical assistance.

Contact with skin:

Cleanse skin with soap and rinse abundantly with water. Seek medical advice if irritation persists. Wash contaminated clothing before reuse..

Contact with skin:

Flush eyes with plenty of water, if irritation persists seek medical advice.

Ingestion:

Do not cause vomiting reflex - agent may enter lungs. Rinse mouth with water. If the exposed person is conscious give water to drink. Seek medical advice without delay.

5. FIRE-FIGHTING MEASURES**Extinguishing media:**

Extinguishing powders, carbon dioxide, extinguishing foam. Use appropriate extinguishing agents, depending on the materials in the immediate vicinity. Water may only be used to cool and protect exposed materials. Do not use water in a dense stream.

Procedure when extinguishing a fire:

Slightly flammable material with low fire hazard. The product will burn or give off hazardous substances when heated above the flash point. To protect packaging from heat, cool with a diffused water jet. Do not allow further flow of liquid into the fire zone during cooling (water soluble product). Bring under control to self-combustion or extinguish with powder. Do not allow contaminated water to enter watercourses.

Protective equipment:

Complete protective clothing, gas masks and safety goggles. Do not use jet water for extinguishing.

6. ACCIDENTAL RELEASE MEASURES**Personal protective equipment:**

Standard protective clothing, protective hand creams.

In case of spillage - collect into containers.

In case of spillage on land when the product has dissolved - remove sources of ignition (declare ban on smoking and use of cutting tools). Cover with absorbent, collect in containers.

Prevent entry into watercourses.

In both cases, dispose of.

7. HANDLING AND STORAGE**Handling:**

Handle the product according to generally accepted health and safety rules.

Store at ambient temperature, in a sufficiently ventilated room away from sources of fire.

Containers should be tightly closed. Maximum temperature during loading/unloading and storage: 50 degrees C.

8. EXPOSURE CONTROLS PERSONAL PROTECTION EQUIPMENT**Ventilation:**

Use local ventilation.

Personal protective equipment:

- **Respiratory protection:** wear a mask with a filter when necessary.
- **Hand protection:** Gloves and protective creams.
- **Eye protection:** Safety goggles if splashing of product is possible.
- **Skin protection:** Standard protective clothing.
- **Hygiene rules:** Apply the general rules of health and safety.

9. PHYSICAL CHEMICAL PROPERTIES

Form/colour - white or yellowish viscous crystalline powder, slightly greasy;

Odour - characteristic of fertiliser products.

Soluble in water, with oil on the upper surface.

Boiling point - not applicable

Flash point - not less than 130 OC

Auto-ignition temperature - not specified

Flammability - under normal conditions of use - not flammable

Explosive properties - no data available

Oxidising properties - no data available

Solubility in water – soluble

Other -----

10. STABILITY REACTIVITY

Thermal stability to light - product stable under normal conditions.

Avoid conditions - overheating, excessive humidity, flooding, contact with open flames and heat sources, contact with chemicals.

Hazardous decomposition products - does not decompose at normal temperatures. Excessive heat may cause the release of flammable substances. Excessive moisture may cause dissolution.

11. TOXICOLOGICAL INFORMATION.

Acute toxicity: Non-toxic.

Inhalation:

Inhalation of dissolved and sprayed product may cause irritation of the respiratory or gastrointestinal tract.

Ingestion:

May cause nausea, vomiting, diarrhoea.

Skin contact:

Minimal pathogenic effect.

12. ECOLOGICAL INFORMATION

Natural water-soluble product when used in normal doses does not cause contamination of surface or ground water.

Very readily biodegradable product.

Toxicity to the environment:

No data on harmful effects on the environment.

13. WASTE TREATMENT

Disposal method:

There is no waste during use. When disposing of unused product, apply the applicable regulations.

Disposal of packaging:

Dispose of in accordance with applicable regulations.

14. TRANSPORT INFORMATION

Transport regulations:

The product is not classified as hazardous for transport by land, water, air.

15. ADDITIONAL INFORMATION

Recommendations are based on current test results, comparative analysis with other products with similar properties.

The above information is based on the current state of knowledge and is intended only to describe the product in terms of its effects on health, safety and environmental requirements. Every user is liable if the product is used other than in accordance with its intended use and the rules of practice.

Availability of the information contained in this document: it should be available to all who come into contact with the product. The information contained herein is reliable. However, it is provided without warranties being deemed binding. Beyond the control of Ontrade.co.uk are the conditions, methods of handling, storage, use or disposal of the product. This safety data sheet has been compiled to provide information on health, safety and environmental protection. It is not a product specification and cannot be regarded as a representation of the data covered by the specification.

The Danish Food Authority has classified uff as an animal by-product due to its fish oil content (Regulation 1774/2002 now 1069/2009). It has authorised the use of uff as fertiliser without restriction in Denmark. The product was processed according to processing method 6 (ABP category 3 from invertebrates). 70 degrees for a minimum of 60 minutes.

The product is marketed under Article 5 of the Act of 10 July 2007 on Fertilisers and Fertilisation, Dz.U. 2020 item 796, as amended.

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