

SAFETY DATA SHEET

BİFFF

According to Regulation (EU) No 2015/830

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

1.1. Product identifier

Product name : BİFFF

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Liquid organic fertilizer containing amino acids of vegetable origin

1.3. Details of the supplier of the safety data sheet

Supplier : NOVICHEM KİMYA ZİRAAT SANAYİ VE TİC. LTD. ŞTİ.

Gaziler Mah. 253 Sok. No:6/C
Kepez/ANTALYA TÜRKİYE

1.4. Emergency telephone number

Tel: +90(535) 244 39 53

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture Physical

and Chemical Hazards : Not classified.

Human health : Eye Irrit. 2 H319

Environment : Not classified.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.

Precautionary Statements : P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS NO	EC NO	Content	Classification (EC 1272/2008)
Potassium oxide	12136-45-7	235-227-6	%2	Skin Corr.1A H314 Eye Dam.1 H318
Organic Nitrogen	7727-37-9	231-783-9	%3	----
Free amino acid	-	-	%16	---
Carbon	7440-44-0	931-328-0	%10	---
Organic matter	-	-	%40	----

Composition Comments

- ☐ The data shown are in accordance with the latest EC Directives.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation : Wash the nose and mouth with plenty of water. Remove to fresh air. Get medical attention if any discomfort continues.

Ingestion : Rinse mouth thoroughly. Get medical attention. Contact physician if larger quantity has been consumed.

Skin contact : Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact : Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

4.2. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media : Water spray, carbon dioxide, foam, powder.

Unsuitable fire extinguishers : High power water jet

5.2. Special hazards arising from the substance or mixture

In case of fire, toxic gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. If possible, fight fire from protected position. Move container from fire area if it can be done without risk. Avoid contaminating sewers and waterways with fire fighting water. Dike to keep the water under control.

Protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Face mask, protective gloves and safety helmet.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Eliminate flames, sparks, excessive temperatures. Do not touch spilled material. Small quantities may be flushed to drains with plenty of water. Large spillages: pick up with vacuum or absorbent solid, store in an appropriate waste disposal container.

6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards. For waste disposal, see section 13.

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Protect against direct sunlight. Provide good ventilation. Avoid eyes and skin contact. Observe good chemical hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area between 0-45°C

Keep away from food, drink and animal feeding stuffs. Protect from light, including direct sunrays. Store away from heat and sources of ignition. Protect from moisture.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

8.1. Control parameters

Name	Standart	TWA-8 Hour		STEL-15 Min.		Note
Potassium oxide	WEL		2 mg/m ³	–	–	–

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment :



Respiratory equipment : If ventilation is insufficient, suitable respiratory protection must be provided.

Eye protection : Wear dust resistant safety goggles where there is danger of eye contact.

Skin protection : Wear apron or protective clothing in case of splashes.

Hand protection : Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Hygiene measures : Wash hands after contact. Change work clothing daily before leaving work place. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

Environmental Exposure Controls: Please act in accordance with local and national laws

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	: Liquid
Colour	: Dark brown
Odour	: Characteristic
pH-Value	: 4-6
Solubility	: Soluble in water
Melting point	: No data available.
Boiling Point	: No data available.

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

Flash Point	: No data available.
Vapour pressure @ 20 ° C	: No data available.
Density	: No data available.
Partition Coefficient (N-Octanol/Water)	: No data available.
Viscosity	: No data available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

Stable under the prescribed storage conditions

10.3. Possibility of hazardous reactions

The polymerization does not occur

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible

materials No available
information.

10.6. Hazardous decomposition products

None under normal conditions.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity :

Dipotassium oxide (Cas:12136-45-7)

LD₅₀ >2000 mg/kg (Oral-rat)

LD₅₀ >5000 mg/kg (Dermal-rat)

Serious eye damage/irritation

Causes serious eye irritation.

Skin corrosion/irritation Causes skin irritation

Respiratory or skin sensitisation Not available.

Carcinogenicity Not available.

STOT-single exposure Not available.

STOT-repeated exposure No relevant information.

Germ cell

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

mutagenicity Not available.

Reproductive Toxicity Not available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

The product is not classified as environmentally hazardous.

12.2. Persistence and

degradability No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse

effects No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages.

14. TRANSPORT INFORMATION

General : The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA

14.3. Transport hazard class(es)

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

Not hazardous according to RID, ADR, ADN, IMDG, IATA

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant : No.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.
Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40.

CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Issued Note

This SDS is prepared based on the information and documents received from product owner. EMR or/and SDS author shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

SAFETY DATA SHEET

BİFFE

According to Regulation (EU) No 2015/830

Hazard Statements in Full

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.