



TOROS TARIM
SAFETY DATA SHEET
ORGANIC GRANULAR SOLID FERTILIZER

According to Regulation (EU) No 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ORGANIC GRANULAR SOLID FERTILIZER

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

Identified uses Solid fertilizer for plants and soil.

1.3. Details of the supplier of the safety data sheet

Manufacturer Center: **Toros Tarım Sanayi ve Ticaret A.Ş.**
Tekfen Tower Büyükdere Cad. No:209
34394 4. Levent Şişli / İstanbul
T: +90 212 357 02 02
F: +90 212 357 02 31
www.toros.com.tr

Contact person Hulya KARATAY – LABORATORY

1.4. Emergency telephone number

Toros Tarım Telephone: +90 506 292 20 33

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

2.2. Label elements

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

Not Classified. No pictogram is required.

Hazard Statements

Not classified.

Precautionary Statements

Not classified.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

This product does not contain any substance which may be considered hazardous to the health and environment, according to the current legislation (Regulation (EU) No 2015/830 and 1272/2008). Nor does it contain any substances with a recognised exposure limit.

Composition Comments

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



TOROS TARIM
SAFETY DATA SHEET
ORGANIC GRANULAR SOLID FERTILIZER
According to Regulation (EU) No 2015/830

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

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

Ingestion

Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. If a large amount is swallowed, get medical attention if any discomfort continues.

Skin contact

Wash with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Continue to rinse get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire extinguishers suitable for other surrounding materials.

Unsuitable fire extinguishers: No data available.

5.2. Special hazards arising from the substance or mixture

Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3 Special Fire Fighting Procedures

Avoid breathing fire vapours. Clear fire area of all non-emergency personnel.
Move container from fire area if it can be done without risk. Prevent fire-fighting water from running into sewers and watercourses.
Dike and collect extinguishing water.

Protective equipment for fire-fighters

Use respiratory protective equipment and full protective clothing in case of fire.
Face mask, protective gloves and safety helmet.

SECTION 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.
Do not allow dust generation, do not breathe dust.

6.2. Environmental precautions

Avoid spilling into drains or watercourses. Notify the authorities in large spills.

6.3. Methods and material for containment and cleaning up

Collect spills when dry, sweep up and store in suitable containers. Wash hands thoroughly after handling. Dispose of in accordance with regulations.



TOROS TARIM
SAFETY DATA SHEET
ORGANIC GRANULAR SOLID FERTILIZER
According to Regulation (EU) No 2015/830

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.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke during use. Avoid dust formation. In case of dust formation use suitable mask. Avoid direct sunlight. Wash hands and exposed skin with a mild soap. Remove contaminated clothing and shoes.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry, cool place in tightly closed original packaging. Protect from moisture. Keep away from food, drinks and animal feed. Protect yourself from direct sunlight. Store away from heat and sources of ignition.

7.3. Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Contains no ingredients with workplace exposure limits.

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapour/dust.

Respiratory equipment

If ventilation is not sufficient, provide suitable respiratory protection.

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.

Eye protection

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

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.

Skin protection

Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls

Please act in accordance with local and national laws.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Granular, solid.



TOROS TARIM
SAFETY DATA SHEET
ORGANIC GRANULAR SOLID FERTILIZER
According to Regulation (EU) No 2015/830

Colour	Brown.
Odour	Soil odor or odorless.
pH-Value	7,5-8,5
Melting Point	No data available.
Boiling point	No data available.
Flash point	No data available.
Flammability (solid, gas)	No data available.
Buhar basıncı	No data available.
Solubility	Soluble in water.
Evaporation rate	No data available.
Density	0,7 g/ cm ³
Decomposition temperature	No data available.
Viscosity	No data available.
Oxidative properties	Not oxidative.
Explosive properties	Not explosive.

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

This product does not show any special reactive hazard.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Not polymerization occurs.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

In the event of fire, harmful gases or vapors may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met. May causes slight eye irritation.



TOROS TARIM
SAFETY DATA SHEET
ORGANIC GRANULAR SOLID FERTILIZER
According to Regulation (EU) No 2015/830

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

STOT-single exposure

Based on available data the classification criteria are not met.

STOT-repeated exposure

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Reproductive Toxicity

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Based on available data the classification criteria are not met.

12.2. Persistence and degradability

Expected to be biodegradable..

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

It should not be released to the environment uncontrolled.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Avoid access to water sources and channels.
The product packaging must be completely emptied and must be disposed of within the framework of legislation.
The Environmental Officer will be informed about all major rashes

SECTION 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 available.

14.2. UN proper shipping name

Not available.



TOROS TARIM
SAFETY DATA SHEET
ORGANIC GRANULAR SOLID FERTILIZER
According to Regulation (EU) No 2015/830

14.3. Transport hazard class(es)

Not available.

14.4. Packing group

Not available.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not available.

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

Not available.

SECTION 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.
Regulation (EC) No 1907/2006.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC₅₀: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC₅₀: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.



TOROS TARIM
SAFETY DATA SHEET
ORGANIC GRANULAR SOLID FERTILIZER
According to Regulation (EU) No 2015/830

Revision Comments

This is first issue.

Issued By

Bülent ÖZDEMİR / CRAD
gbf@crad.com.tr

Issued Note

This SDS is prepared based on the information and documents received from product owner. CRAD 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

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 of such information for his own particular use.