



TOROS TARIM
SAFETY DATA SHEET

OG TOROS ORGANOMINERAL LIQUID

Commission Regulation (EU) 2020/878 of 18 June 2020 amending
Annex II to Regulation (EC) No 1907/2006

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

1.1. Product identifier

Product name OG TOROS ORGANOMINERAL LIQUID

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

Identified uses Fertilizer.

1.3. Details of the supplier of the safety data sheet

Manufacturer **Center: Toros Tarım Sanayi ve Ticaret A.Ş.**
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1.4. Emergency telephone number

Toros Tarım Telephone: +90 506 292 20 33
Toros Tarım/Gönen Energy Facility Telephone: +90 266 772 59 03-04
Toros Tarım/Meram Energy Facility Telephone: +90 212 357 02 02

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical and Chemical Hazards Not classified.
Human health hazards Not classified.
Environment hazards 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 2020/878 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.



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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

Inhalation : Negative effect is not expected.

Ingestion : Nausea, vomiting.

Skin contact : Negative effect is not expected.

Eye contact : Slight irritation, redness.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use extinguishing powder or CO₂. For more serious fires, use alcohol resistant foam and water spray.

Unsuitable fire extinguishers: Do not use direct water jet to extinguish.

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.



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6.2. Environmental precautions

Avoid discharge into water courses or onto the ground. In case of spills or discharges to the water source, it is necessary to apply to the relevant environmental agency or other appropriate inspection centers immediately.

6.3. Methods and material for containment and cleaning up

Collect spillage with non-flammable absorbent materials (earth, sand, vermiculite, diatomite, etc.). Put the product and dirty impregnation material in a suitable container. Contaminated area should be cleaned immediately with a suitable cleaner.

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

The product does not require special handling precautions, the following general precautions are recommended:

For personal protection see section 8. Never apply pressure to empty the containers. They are not pressure resistant containers.

Smoking, eating and drinking should be prohibited in the application area.

Follow occupational health and safety legislation.

Store the product in containers made of the same material as the original.

7.2. Conditions for safe storage, including any incompatibilities

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

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



Process conditions

Provide eyewash, quick drench.

Engineering measures

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

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Protective equipment is required to protect against ammonia gases when stored or used in confined spaces.

Hand protection

Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.



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Eye protection

Wear chemical 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	Liquid.
Colour	Brown.
Odour	Caramel
Odour threshold	No information available.
pH	6.5-7 (10% solution)
Melting point	No information available.
Initial boiling point and range	100°C
Flash point	No information available.
Evaporation rate	No information available.
Upper/lower flammability or explosive limits	No information available.
Flammability (solid, gas)	No information available.
Auto-ignition temperature	No information available.
Vapour pressure	No information available.
Vapor Density	No information available.
Relative density	No information available.
Specific Gravity	No information available.
Solubility(ies)	Soluble in water.
Density	No information available.
Coefficient of dispersion: n-octanol / water	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Oxidising properties	This product does not contain a substance classified as an oxidizer.
Explosive properties	This product does not contain a substance classified as an explosive.
Particle characteristic	Not applicable.

9.2. Other information

No information available.



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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

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Keep away from oxidizing agents and highly alkaline or acidic substances to prevent exothermic reactions.

10.6. Hazardous decomposition products

In the event of fire, hazardous decomposition products such as carbon monoxide and dioxide and nitrogen fumes and oxides may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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.

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.



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Aspiration hazard

Based on available data the classification criteria are not met.

11.2. Information on other hazards

This product does not contain any known or suspected endocrine disruptors.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Based on available data the classification criteria are not met.

12.2. Persistence and degradability

There is no data on the biodegradability potential of the product.

12.3. Bioaccumulative potential

There is no data on the bioaccumulation potential of the product.

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. Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors.

12.7. Other adverse effects

It should not be released uncontrollably around the periphery. May be harmful for aquatic life.

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 or ID number

Not available.

14.2. UN proper shipping name

Not available.

14.3. Transport hazard class(es)

Not available.

14.4. Packing group

Not available.



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14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not available.

14.7. Maritime transport in bulk according to IMO instruments

Not available.

SECTION 15: REGULATORY INFORMATION

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

- Commission Regulation (EU) 2020/878 of 18 June 2020.
- Health and Safety at Work etc. Act 1974 (as amended).
- EH40/2005 Workplace exposure limits.
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- 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 (as amended).

Seveso Directive

Not relevant.

Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions on use are known for this product.

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 on International Carriage of Dangerous Goods by Road.

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

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

IATA: International Air Transport Association.

ICAO-TI: Technical Specification for Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

TWA: Time weighted average

ATE: Estimated value of acute toxicity

EC No: European Community number

CAS: Chemical Theory Service.

LD50: Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).

LC50: Substance concentration causing 50% (half) death in the test animals group.

EC50: Effective Concentration of the substance causing the maximum of 50%.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent, Very Bioaccumulative.

DNEL: Derived No Effect Level

PNEC: Predicted no-effect concentration

STOT: Specific Target Organ Toxicity



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Revision Comments

The SDS has been revised in accordance with the provisions of the current regulation.

Issued By

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Issued Note

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