



TOROS TARIM
SAFETY DATA SHEET
SOILMASTER

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 SOILMASTER
Product types SOILMASTER 15-30-15
SOILMASTER 16-6-31
SOILMASTER 18-18-18
SOILMASTER 20-20-20
SOILMASTER 16-8-24
SOILMASTER 20-10-20
SOILMASTER 10-0-40

Product description Chemical fertilizer

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

Identified uses It is used as fertilizer in agricultural applications.

1.3. Details of the supplier of the safety data sheet

Supplier 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

1.4. Emergency telephone number

Mersin Production Facilities: Tel: +90 324 234 31 00

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

Inhalation : May cause respiratory tract irritation.
Skin contact : May cause slight irritation.
Eye contact : May cause irritation.
Ingestion : Ingestion of small amounts of toxic junk. In case of ingestion in high quantities, may cause gastrointestinal disturbances.



TOROS TARIM
SAFETY DATA SHEET
SOILMASTER

According to Regulation (EU) No 2015/830

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 (EU No.1272/2008 and EU No.2015/830). Also does not contain any substance with known exposure limit.

Composition Comments

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

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. 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 : May cause upper respiratory tract irritation.

Ingestion : May cause nausea, vomiting.

Skin contact : May cause irritation.

Eye contact : Slight irritation, redness may occur.

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. Water, carbon dioxide, foam and dust should be used.

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). Ammonia gas, phosphorus oxides, nitrogen oxides.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Fight the from a safety distance if it is possible. Clear fire area of all non-emergency personnel. Move container from fire area if it can be done without risk. 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.



TOROS TARIM

SAFETY DATA SHEET

SOILMASTER

According to Regulation (EU) No 2015/830

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.
Avoid inhalation of dust. Avoid dust formation.

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

Large Spillages: Vacuum the spillages if it is possible. If not, collect with a shovel, broom or similar tool.
Small Spillages: Remove small spills with vacuum 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

Do not eat, drink or smoke when using the product. Avoid dust formation. In case of dust formation use appropriate mask.
Protect from direct sunlight.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry, cool place in tightly closed original packaging. Keep away from moisture. 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

The product doesn't contain any product with exposure limits.

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust.

Respiratory equipment

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

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.



TOROS TARIM
SAFETY DATA SHEET
SOILMASTER

According to Regulation (EU) No 2015/830

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	Solid. Granular.
Colour	Red / blue
Odour	Odourless
Solubility @20°C	No data available.
Boiling point	No data available.
Melting Point	No data available.
Relative density	No data available.
pH-Value	4-5 (%10 solution)
Vapour pressure @20°C	No data available.
Molecular weight	No data available.
Decomposition temperature	No data available.
Partition Coefficient (N-octanol/water)	No data available.
Oxidative properties	Not oxidizer
Explosive properties	Not explosive

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal temperature conditions and recommended use.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No polymerization occurs.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

No data available.



TOROS TARIM
SAFETY DATA SHEET
SOILMASTER

According to Regulation (EU) No 2015/830

10.6. Hazardous decomposition products

None under normal circumstances. When overheated or reaction with acid, produce ammonia gas.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

LD 50, Oral – rat >2000 mg/kg (Method: Calculation)

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.

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.

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.

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.

Aspiration Toxicity

Based on available data the classification criteria are not met.

Inhalation

In case of intense exposure, irritation of throat and respiratory system.

Ingestion

If swallowed of large amounts, it may cause gastrointestinal disorders.

Skin contact

Negative effects are not expected.

Eye contact

May cause slight irritation.

11.2. Information on other hazards

No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Based on available data the classification criteria are not met.

12.2. Persistence and degradability

No data available.



TOROS TARIM
SAFETY DATA SHEET
SOILMASTER

According to Regulation (EU) No 2015/830

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. Endocrine disrupting properties

No information available.

12.7. Other adverse effects

It should not be released into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Avoid access to water sources and channels.
Dispose of empty packaging and product waste in accordance with local regulations.
The Environmental Officer will be informed about all major spillages.

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.

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 instrument

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).
- 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).



TOROS TARIM
SAFETY DATA SHEET
SOILMASTER

According to Regulation (EU) No 2015/830

Restrictions (Annex XVII Regulation 1907/2006)

There are no known restrictions on the use of this product.

Seveso Directive - Control of major accident hazards

Not relevant.

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.

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

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

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

Revision Comments

This is the first issue.

Issued By

Büşra Tarakci / CRAD

gbf@crad.com.tr Tel.:+90 216 3354600

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.