

MATERIAL SAFETY DATA SHEET

Rexiron 6% EDDHA

1. Identification of the substance

Product Name: Rexiron 6% EDDHA

Use : Solid fertilizer for agriculture use.

Producer :

Astranova Tarım Ticaret ve San. A.Ş.

Add: Çağlayan Mah. Eski Lara Yolu 2049 Sk. Kaplan Apt. No: 1 Kat: 2

Daire: 5 07230 ANTALYA / TURKEY

Tel: +90.242.324 75 10 - 11 Fax: +90.242.324 75 12

2. Hazards identification

Human health hazards: May cause sensitisation by skin contact.

See section 11 for more detailed information on health effects and symptoms.

3. Composition/information on ingredients

Nutrients	Source	Content
Iron content 100 % EDDHA chelated	EDDHA chelated	6.0 %

4. First-aid measures

Inhalation: Avoid breathing dust. If inhaled, remove to fresh air.

Ingestion: If large quantities of this material are swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Extinguishing media: In case of fire, use water spray (fog), foam or dry chemical.

Hazardous thermal decomposition products: No specific data.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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6. Accidental release measures

Personal precautions: Follow all fire-fighting procedures (section 5).

Environmental precautions and clean-up methods: Avoid contact of spilt material and runoff with soil and surface waterways.

Use a tool to scoop up solid material and place into an appropriate labeled waste container. Do not mix with sawdust or other combustible material. Avoid creating dusty conditions and prevent wind dispersal. Keep out of waterways. See section 13 for waste disposal information.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling: Avoid contact with skin and clothing. Wash thoroughly after handling.

Storage: Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with combustible materials.

Packaging materials

Recommended : Use original container.

8. Exposure controls/personal protection

Occupational exposure limits: Total inhalable dust - 10 mg/m³

Respirable dust - 5 mg/m³

Exposure controls

Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Use dust goggles if high dust concentration is generated.

Skin protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

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9. Physical and chemical properties

Physical state: Solid

Appearance: Dark red – black micro granules

pH (1% solution w/v in DIW): 7.81

Solubility: 100 % soluble

Bulk Density: 0.5373 g/cm³

Particle size passing through 1.7 mm: >99%

10. Stability and reactivity

Stability: Stable under recommended storage and handling conditions (see section 7).

Hazardous decomposition products: No specific data.

11. Toxicological information

Potential acute health effects

Inhalation: Adverse health effects are considered unlikely, when the product is used according to directions.

Ingestion: Adverse health effects are considered unlikely, when the product is used according to directions.

Skin contact: May cause sensitisation by skin contact.

Eye contact: Adverse health effects are considered unlikely, when the product is used according to directions.

Chronic effects : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation: No specific data.

Ingestion: No specific data.

Skin: Adverse symptoms may include the following:

Irritation

Redness

Eyes: No specific data.

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12. Ecological information

Environmental effects : No known significant effects or critical hazards.

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal: Empty containers or liners may retain some product residues. Do not empty into drains; dispose of this material and its container in a safe way. Dispose of in accordance with all applicable local and national regulations

Hazardous waste: This material and its container must be disposed of as hazardous waste.

14. Transport information

Not regulated.

Not classified as hazardous material according to UN Orange Book and international transport codes e.g. ADR (road), RID (rail), ADN (inland waterways) and IMDG (sea).

15. Regulatory information

16. Other information

To the best of our knowledge, the information provided in this Safety Data Sheet is accurate as at the date of its issue. The information it contains is being given for safety guidance purposes and relates only to the specific material and uses described in it. This information does not necessarily apply to that material when combined with other material(s) or when used otherwise than as described herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may represent unknown hazards and should be used with caution.