

FE-EDDHA 6% MSDS

1. PRODUCT IDENTIFICATION

Product: **Fe EDDHA 6%**

State: **Micro Prills**

MANUFACTURER

Katalyst Chemical Fertilizers Industry LLC

2. Composition / Information on substance:

Ferric EDDHA-Sodium Salt:..... 16455-61-1

Classification: Non hazardous

Risk Phrases: Not applicable

Safety Phrases: Not applicable

Hazardous Components: None

3. Hazards Identification

Precautionary Labelling

Health – 1 slight

Flammability – 0 none

Reactivity – 1 slight

Contact – 0 none

Hazard ratings are 0 to 4 (0= no hazard; 4=extreme hazard)

Avoid contact with eyes, skin, and clothing. Keep in tightly closed container. Wash thoroughly after handling. In case of fire, soak with water. In case of spill, sweep and remove. Flush spill area with water.

4. First Aid Measures

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact:

Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

Eye Contact:

Wash thoroughly with running water. Get medical advice if irritation develops.

5. Fire Fighting Measures

Fire Extinguishing Media:

Product itself is not combustible and non-explosive

Special Information:

Use self-contained breathing apparatus

Do not inhale explosion and/or combustion gases

Wear protective clothing.

6. Accidental release measures:

Remove sources of heat and ignition.

Collected waste may be transferred to a closed, preferably metal, container and sent to a RCRA approved waste disposal facility.

Alternatively, sweep spill into non-combustible container and dissolve in large amount of Water. Add soda ash. Mix and neutralize with 6M-HCl. Neutralized sludge may be sent to an Approved waste disposal facility.

7. Handling & storage:

Handling: Avoid breathing dust. Prevent contact with eyes or skin. Wear suitable protective clothing. Storage: Store under cool dry conditions.

Expose controls / Personal protection:

Exposure Limits: Not known. Personal Protection Respiratory Protection: Approved NIOSH/MSHA dust respirator should be used if airborne particles are generated when handling the material. Hand Protection: Rubber or plastic gloves. Eye Protection: Safety glasses/goggles. Skin Protection: Overalls.

8. Exposure Controls/Personal Protection:

Airborne Exposure Limits:

None established.

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures as Low as possible. Local exhaust ventilation is generally preferred because it can control the Emissions of the contaminant at its source, preventing dispersion of it into the general work Area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to dust or mist is apparent and engineering controls are Not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil Particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P Filter. For emergencies or instances where the exposure levels are not known, use a full-face Positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not Protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work

Area.

9. Physical and Chemical Properties:

Appearance: Solid. Dry flowable granules

Color: Dark red to Black. **pH** 8-9

10. Stability & reactivity:

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions. Possibility of hazardous No dangerous reaction known under conditions of normal use.

Reactions Conditions to avoid: Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition: No hazardous decomposition products are known..

11. Toxicological information:

Information on likely routes of exposure

Ingestion: Based on available data, the classification criteria are not met.

Inhalation: Due to lack of data the classification is not possible.

Skin contact: Due to lack of data the classification is not possible.

Eye contact: Due to lack of data the classification is not possible. Symptoms related to the direct contact with eyes may cause temporary irritation.

12. Ecological information:

This material will promote algae growth and may degrade water quality. May act as a plant nutrient and precipitate heavy metals from aquatic systems.

Dispose consideration:

Dispose of contaminated product and material used in cleaning up spills or leaks in a manner approved for this material. Review national and local government requirements prior to disposal.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Steps to be taken in the event of a spill or discharge: Carefully place container and cover; remove from area. Flush spill area with water.

Disposal procedure: Dispose in accordance with all applicable country and local environmental regulations.

14. Transport Information

UN classification

Not classed ie considered non-hazardous material according to the UN Orange Book and following international transport codes e.g. AIATA (AIR), RID (rail), ADR (road) and IMDG (sea).

15. REGULATORY INFORMATION

1. Immediate (Acute) Health Effects: No
2. Delayed (Chronic) Health Effects: No
3. Fire Hazard: No
4. Sudden Release of Pressure Hazard: No
5. Reactivity: No

SECTION 313 (40 CFR 372): NONE

Please refer to any federal, state and local regulations.

WHMIS:

Compound fertilizers and not classified, i.e. considered non-hazardous material

16. OTHER INFORMATION

Product use:

Agricultural use

Revision Information

No Changes

Disclaimer:

Katalyst Chemical Fertilizers Industry LLC provides the information contained here in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

This information was last updated on May 19, 2023. We have tried to make it as accurate and useful as possible, but can't take responsibility for its use, misuse, or accuracy. We have not verified this information and can't guarantee that it is up to date.

**** End of MSDS Document ****