

CALMAG PLUS

MSDS



1. PRODUCT IDENTIFICATION

Product: CALMAG PLUS

State: Liquid fertilizer

Composition: 10%N, 10%CaO, 5% MgO, 0.1 B, 500 ppm Fe

MANUFACTURER

Katalyst Chemical Fertilizers Industry LLC

2. Composition / Information on substance:

Classification: Nonhazardous

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, adapt fire extinguishing measures to surrounding areas

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:

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Protect against physical damage. Store in a dry location separate from combustible, organic or other readily oxidizable materials. Avoid storage on wood floors. Remove and dispose of any spilled dichromats; do not return to original containers. Do not store above 54C (130F) preferably below 30C (86F). Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection:

National occupational exposure limits not applicable Skin and body protection lightweight protective clothing. Hand protection rubber or plastic gloves. Eye protection safety glasses.

9. Physical and Chemical Properties:

Appearance:

Liquid fertilizer.

Nutrients present: Nitrogen, Potassium, Organic acid, Trace elements

10. Stability & reactivity:

Stable at normal conditions of storage, handling and use.

11. Toxicological information:

Toxicity: LD 50 (Oral rat)

Carcinogenicity: NTP: No IARC: No Z: No OSHA Reg: No effects of overexposure:

Contact with skin or eyes may cause irritation. Dust may irritate the nose and throat. Target organs: None identified. Medical conditions generally aggravated by exposure: None.

identified routes of entry skin contact, eye contact, and inhalation.

Emergency and first aid procedures: Call physician. If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Flush skin with water available. Carcinogenicity: No evidence of carcinogenic properties. Mutagenicity: No evidence of mutagenic effects. Reproductive Effects: None identified.



12. Ecological information:

Environmental Fate:

When released into the soil, this material is expected to leach into groundwater. When released into the soil, this material is not expected to evaporate significantly. When released into water, this material is expected to readily biodegrade.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Steps to be taken in the event of a spill or discharge: Carefully place material into clean, dry 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., 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 professionally 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 cannot take responsibility for its use, misuse, or accuracy. We have not verified this information and cannot guarantee that it is up to date.

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

