

SAFETY DATA SHEET

Version: SDS_MF550_V1_240619

1. IDENTIFICATION

- 1) Product identifier: **CALMAST® MF550**
- 2) Recommended use of the chemical and restrictions use
 - Recommended use of the chemical.
Feed materials, intermediates
 - Restrictions on use
Use for recommended use only
- 3) Detail of supplier of the safety data sheet
 - Company name: A DONG Plastic Joint Stock Company
 - Address: Road D1, Yen My II Industrial Zone, Yen My, Hung Yen, Viet Nam
 - Telephone Number: +84 243 365 8245
 - Email: info@adcplastic.com
 - Fax number: +84 243 321 3268
 - Emergency phone number: +84 243 365 8245

2. HAZARDS IDENTIFICATION

- 1) Hazards classification
 - Hazardous to the aquatic environment, long-term (chronic) Chronic

- 2) Allocation label elements

- Hazard pictograms



- Signal word: None
- Hazard statements: H411 Toxic to aquatic life with along lasting effects.
- Prevention: P273 Avoid release to the environment
- Response: P391 Collect spillage
- Disposal: P501 Dispose of contents/container to ...

- 3) Other hazards

According to experience and information provided, this product does not affect harmful effects when using and handling it as a regulation.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical name	Comon name	Cas Number	Content (wt%)
Calcium Carbonate	Calcium Carbonate	471-34-1	From 80 to 84
PP + Additives	PP + Additives	9003-07-0	From 16 to 20

4. FIRST-AID MEASURES

- 1) Following eye contact
 - o Call a physician immediately.
- 2) Following skin contact
 - o Get medical attention if irritation develops and persists.
 - o Remove contaminated clothing and shoes.
- 3) Following inhalation
 - o If symptoms persist, call a physician.
 - o Move to fresh air.
- 4) Following ingestion
 - o If accidentally swallowed obtain immediate medical attention.
- 5) Delayed and immediate effects and also chronic effects from shorts and longs term exposure
 - No data available
- 6) Advice to physican
 - o In the case of accident or if you feel unwell, seek medical advice immediately.

5. FIRE-FIGHTING MEASURES

- 1) Suitable (and unsuitable) extinguishing media
 - o Suitable extinguishing media
 - Large fire: Water spray/fog, regular foam (Suitable extinguishing media).
 - Small fire: Dry sand, dry chemical, alcohol-resistant foam, water spray, regular foam, CO2 (Suitable extinguishing media).
 - Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 - o Unsuitable extinguishing media
 - Do not use a soild water steam as it may scatter and spread fire.
- 2) Special hazards aising from the substance or mixture
 - o Porolytic product: No data available
 - o Risk of fire and explosion: Heating or fire can release toxic gas.
 - o Other: May cause toxic effects if inhaled.
- 3) Special protective equipment for firefighters
 - In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENT RELEASE MEASURES

- 1) Personal precautions, protective equipment and emergency procedures
 - Avoid dust formation.
- 2) Environmental precautions
 - Try to prevent the materials from entering drains or water courses.
- 3) Methods and materials for containment and cleaning up
 - Keep in suitable, closed containers for disposal.
 - Pick up and arrange disposal without creating dust.

7. HANDLING AND STORAGE

- 1) Precautions for safe handling
 - For personal protection see section 8.
 - Smoking, eating and drinking should be prohibited in the application area.
- 2) Conditions for safe storage (including any incompatibilities)
 - Please note that materials and conditions to be avoided.
 - Store in a dry place. Store in a closed container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 1) Chemical exposure limits, Biological exposure standard
 - Contains no substances with occupational exposure limit values.
- 2) Appropriate engineering controls
 - Ensure adequate ventilation and exhaust ventilation at the workplace.
- 3) Personal protective equipment
 - o Respiratory protection
 - If you have a direct contact or exposed to the material, wear the appropriate form of respiratory protection certified.
 - o Eye protection
 - If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.
 - o Hand protection: Wear chemical safety gloves
 - o Skin protection: Wear protective gloves/ protective clothing/ eye protection/ hearing protection.

9. PHYSICAL AND CHEMICAL INFORMATION

Property Name	Values	Source
Appearance		
Physical state	Soild	
Color	White	
Odor	No to low ordor	
Odor threshold	No data available	
pH	Not applicable	
Melting point/Freezing point	145	
Initial boiling point and boiling range (°C)	Not application	
Flash point (°C)	No data available	
Evaporation rate	Not application	
Flammability (solid, gas)	No data available	
Upper/lower flammability or explosive limits	Not application	
Vapour pressure	Not application	
Solubility (ies)	Insolubility	
Vapour density	Not application	
Relative density	No data available	
Auto ignition temprerature (°C)	>380	
Decomposition temprerature (°C)	>300	
Viscosity (mm ² /s, 40°C)	No data available	
Specific Gravity	No data available	

10. STABILITY AND REACTIVITY

1) Chemical stability and Possibility of hazardous reactions

- No decomposition if stored and applied as directed.
- Stable at normal ambient temperature and pressure.

2) Conditions to avoid

- Follow precautionary advice and avoid incompatible materials and conditions.

3) Incompatible materials

- Combustible material.

4) Hazardous decomposition products

- This product, as supplied, does not contain any hazadous materials with biological limits established by the region specific regula.

11. TOXICOLOGICAL INFORMATION

1) Information on the likely routes of exposure

- No data available.

2) Health hazard information

o Acute toxicity

- Acute toxicity (Oral) PRODUCT: Not classified

- o No data available.

- Acute toxicity (Dermal) PRODUCT: Not classified

- o No data available.

- Acute toxicity (Inhalation: Gases) PRODUCT: Not classified

- o No data available.

- Acute toxicity (Inhalation: Vapours) PRODUCT: Not classified

- o No data available.

- Acute toxicity (Inhalation: Dust/mist) PRODUCT: Not classified

- o No data available.

- o Skin corrosion/irritation PRODUCT: Not classified

- o No data available.

- o Serious eye damage/eye irritation PRODUCT: Not classified

- o No data available.

- o Respiratory sensitisation PRODUCT: Not classified

- o No data available.

- o Skin sensitization PRODUCT: Not classified

- o No data available.

- o Carcinogenicity PRODUCT: Not classified

- o No data available.

- o Germ cell mutagenicity PRODUCT: Not classified

- o No data available.

- o Reproductive toxicity PRODUCT: Not classified

- o No data available.

- o Specific target organ toxicity single exposure PRODUCT: Not classified

- o No data available.

- o Specific target organ toxicity repeated exposure PRODUCT: Not classified

- o No data available.

- o Aspiration hazard PRODUCT: Not classified

12. ECOLOGICAL INFORMATION

1) Ecotoxicity

- Hazardous to the aquatic environment, short-term (acute)
 - No data available
- Hazardous to the aquatic environment, long-term (chronic)
 - No data available

2) Persistence and degradability

- No data available

3) Bioaccumulative potential

- No data available

4) Mobility in soil

- No data available

5) Other adverse effects

- No data available

13. DISPOSAL CONSIDERATIONS

1) Disposal methods

- Empty containers should be taken to an approved waste handling site for recycling or disposal.

2) Precautions (including disposal of contaminated container of package)

- Dispose of in accordance with local regulations.
- Send to a licensed waste management company.

14. TRANSPORT INFORMATION

1) UN No: Not applicable

2) Proper shipping name: Not applicable

3) Hazard class: Not applicable

4) Packing group: Not applicable

5) Marine pollutant: No

6) Special precautions for user related to transport or transportation measures:

- Emergency measures in case of fire: Not applicable
- Emergency measures in the effluent: Not applicable
- Tunnel restriction code: No data available
- IMDG Marine pollutant: No
- Air transport (IATA)
 - + UN No: Not applicable
 - + Class or division: Not applicable
 - + Packing group: Not applicable

15. REGULATORY INFORMATION

- 1) China Inventory of Existing Chemical Substances (IECSC)
 - Inventory - China - Inventory of Existing Chemical Substances (IECSC)
- 2) 92/32/EEC
 - Not applicable
- 3) European Union Official Journal of the European Communities 15 June 1900 - Annex Based on Article 13 of Directive 67/548/EEC Amended by Directive 79/831/EEC: Not applicable

16. OTHER INFORMATION

- 1) Reference
 - NCIS, KOSHA, Montreal Protocol, ECHA, OECD SIDS, EU IUCLID, HSDB(PubChem), NITE, NTP, ACGIH, IARC, NIOSH, ChemIDplus, EPA, EPI Suite, INCHEM.
- 2) Issue date: 19/06/2024
- 3) Revision date:
 - Revised date count: 01
 - Last revised date: 19/06/2024
- 4) Other
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - ADR: Agreement Concerning the International Carriage of Dangerous Goods by Road
 - ATE: The Acute Toxicity Estimate
 - ECHA: European Chemicals Agency
 - EPA: United States Environmental Protection Agency
 - EPI Suite: The Estimation Programs Interface for Windows
 - EU IUCLID: International Uniform Chemical Information Database
 - HSDB: Hazardous Substances Data Bank
 - IARC: International Agency for Research on Cancer
 - IATA: International Air Transport Association
 - IMDG: International Maritime Dangerous Goods Codes
 - INCHEM: Internationally Peer Reviewed Chemical Safety Information
 - M-Factor: The Multiplication Factor
 - NIOSH: National Institute of Occupational Safety and Health
 - NITE: National Institute of Technology and Evaluation (JAPAN)
 - NTP: National Toxicology Program
 - SCL: Specific Concentration Limit
 - OECD SIDS: Organization for Economic Co-operation and Development Screening Information Data sheet