

# SAFETY DATA SHEET

Version: SDS\_MB150\_V1\_240619

## 1. IDENTIFICATION

- 1) Product identifier: **CALMAST® MB150**
- 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
LLDPE + Additives	LLDPE + Additives	9002-88-4	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	130	
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 <sup>2</sup> /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