

# SAFETY DATA SHEET

Version: SDS\_MB170\_V2\_241014

## 1. PRODUCT IDENTIFICATION AND MANUFACTURER INFORMATION

- 1) Product identifier: **CALMAST® MB170**
- 2) Recommended use of the chemical and restrictions use
  - Recommended use of the chemical  
Materials, intermediates
  - Restrictions on use  
Use for recommended use only
- 3) Detail of supplier of the safety data sheet
  - Company name: ADC PLASTIC., JSC
  - 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 a long lasting effects.
  - Prevention: P273 Avoid release to the Environment
  - Response: P391 Collect spillage
  - Disposal: P501 Dispose of to tank
- 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 AND INFORMATION ON INGREDIENTS

Chemical Name UPAC	Cas Number	EC Number	Ratio (%)
Calcium Carbonate	471-34-1	-	From 78 to 80
Stearic Acid	57-11-4	200-313-4	About 5
Zinc Stearate	91051-01-3	293-049-4	
PE Wax	9002-88-4	-	
White Oil	64742-54-7	265-157-1	
LLDPE	25087-34-7	-	From 15 to 17

### 4. FIRST-AID MEASURES

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

### 5. FIRE -FIGHTING MEASURES

- 1) Suitable (and unsuitable) extinguishing media
  - 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.
  - Unsuitable extinguishing media
  - + Do not use a solid water steam as it may scatter and spread fire.
- 2) Special hazards arising from the substance or mixture
  - Porolytic product: No data available
  - Risk of fire and explosion: Heating or fire can release toxic gas.
  - Other: May cause toxic effects if inhaled.
- 3) Special protective equipment for firefighters.
  - In the event of fire, wear self-contained breathing apparatus.

## 6. PERSONAL PROTECTIVE EQUIPMENT (PPE)

- 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.
  - Respiratory protection
    - + If you have a direct contact or exposed to the material, wear the appropriate form of respiratory protection certified.
  - Eye protection.
    - + If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.
  - Hand protection: Wear chemical safety gloves
  - Skin protection: Wear protective gloves/ protective clothing/ eye protection/ hearing protection.

## 9. PHYSICAL AND CHEMICAL INFORMATION

Property Name	Giá trị
Appearance	Bead, white
Physical state	Soild
Color	White
Odor	No to low odor
pH	Not Applicable
Auto ignition temperature (oC)	>380
Decomposition temperature (oC)	>300

## 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 hazardous 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) 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