CACAO BUTTER (Cocoa butter)
Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION
   - Product Name: cacao butter
   - INCI Name: cacao butter
   - Synonyms: theobroma cacao
   - CAS Number: 8002-31-1
   - EINECS Number: 310-127-6
   - Origin: natural

2. PHYSICAL & CHEMICAL PROPERTIES
   - Melting Point: 34 - 38°C (93 - 100°F)
   - Boiling Point: not available
   - Vapor Density, Air=1: not available
   - Specific Gravity: not available
   - Solubility in water: insoluble
   - pH Value: not available
   - Appearance & Odor: soft yellow fatty wax, chocolate odor

3. STABILITY & REACTIVITY
   - Chemical Stability: stable under normal conditions
   - Incompatibility: no known incompatibilities
   - Hazardous Decomposition: biodegradable; burning can produce carbon monoxide and carbon dioxide
   - Hazardous Polymerisation: will not occur

4. HANDLING & STORAGE
   - Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
   - Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

5. ACCIDENTAL RELEASE MEASURES
   - Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION
   - Respiratory Protection: No specific protection measure necessary.
   - Protective Clothing: Gloves recommended to prevent prolonged skin contact. Safety glasses, goggles, or face shield recommended for eye protection.
   - Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

7. HAZARDS IDENTIFICATION
   - General: not hazardous under normal conditions.
   - Inhalation: no known hazards to respiratory system.

   - Eye Contact: no hazards identified.
   - Skin Contact: no hazards identified
   - Ingestion: no hazards identified.
   - Chronic Exposure: no hazardous effects from chronic exposure known

8. FIRST AID MEASURES
   - Eyes: Irrigate eyes with a heavy stream of water. Seek medical attention if irritation develops.
   - Skin: no specific first aid measure necessary.
   - Inhalation: no specific first aid measure necessary.
   - Ingestion: Do not induce vomiting. Consult medical personnel if gastrointestinal symptoms develop. Never give anything by mouth to an unconscious person.

9. FIRE FIGHTING MEASURES
   - Flash Point: >250°C
   - Extinguishing Media: water spray, foam, carbon dioxide
   - Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

10. TOXICOLOGICAL INFORMATION
    - General: not regarded as hazardous material
    - Acute LD50: not data available
    - Dermal and Eye Irritation Test: not data available
    - Carcinogenicity, Mutagenicity: not data available

11. DISPOSAL CONSIDERATIONS
    - Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

12. TRANSPORT INFORMATION
    - General: not regarded as hazardous material
    - DOT Shipping Name: Refer to corresponding hazard class
    - ADR/RIC Code: Refer to corresponding hazard class
    - Sea Transport IMDG Code: Refer to corresponding hazard class
    - Air Transport IATA: Refer to corresponding hazard class

13. DISCLAIMER
    - This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.

   ALL DATA HEREIN ARE ALL AS PER OUR SUPPLIER.

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