



COCOA SHELL (PASTE) EXTRACT

MATERIAL SAFETY DATA SHEET (MSDS)

I- CHEMICAL PRODUCT & COMPANY IDENTIFICATION

- ❖ **Product Name:** Cocoa Shell
- ❖ **CAS#:** 84649-99-0
- ❖ **Synonym:** *Cacao Theobroma*
- ❖ **Chemical Name:** Not available
- ❖ **Chemical Formula:** Not available.
- ❖ **Contact Information:**
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2- COMPOSITION / INGREDIENT INFORMATION

- ❖ **Ingredients :** N/A

3- HAZARDS IDENTIFICATION

- ❖ **Hazardous decomposition products:** With any organic compound , this material may emit toxic carbon monoxide & carbon dioxide fumes when heated to decomposition.
- ❖ **Hazardous polymerization :** Not Applicable

4- FIRST AID MEASURES

- ❖ **Flash point (Method) :** NA
- ❖ **NFPA Rating :** Not Applicable
- ❖ **Auto ignition temperature :** NA
- ❖ **Flammable Limits :** Lower : NA Upper : N/A

5- FIRE AND EXPLOSION DATA

- ❖ **Extinguishing Media:** Water spray, carbon dioxide, dry chemical or as appropriate for surrounding fire conditions & materials.
- ❖ **Special Fire Fighting Procedure:** Fire fighters should wear self contained breathing apparatus & full protective clothing.
- ❖ **Unusual fire & Explosion Hazards:** As with any organic compound this material may emit toxic carbon monoxide & carbon dioxide fumes when heated.

6- ACCIDENTAL RELEASE MEASURES

- ❖ **Steps to be taken in case of spill or discharge:** Wear all protective gear including- Respirators, goggles, gloves. Vacuum or sweep up spillages & place in a tight container. Wash & ventilate spill site.
- ❖ **Wash thoroughly** or shower after handling & wash all clothing & protective gear before use.

7- HANDLING & STORAGE

- ❖ **Precautions:** Avoid contact with eyes, skin and avoid breathing dust after handling and wash any contaminated clothing before reuse.
- ❖ **Storage:** Store in a tight container in a cool, dry, well ventilated location.

8- EXPOSURE CONTROLS / PERSONAL PROTECTION

- ❖ **Respiratory protection:** Respirators/ Mask
- ❖ **Personal Protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved /certified respirator or equivalent Gloves, respirators or mask.
- ❖ **Personal Protection in Case of a Large Spill:** Splash goggles, Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid Inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- ❖ **Ventilation:** General or local exhaust recommended.
- ❖ **Other protective equipment:** Appropriate laboratory apparel.
- ❖ **Hygienic work practices:** Do not eat, drink or smoke near this material. Wash thoroughly after handling & wash contaminated clothing before reuse.

9- PHYSICAL AND CHEMICAL PROPERTIES

- ❖ **Odour:** Characteristic.
- ❖ **Molecular Weight:** Not available.
- ❖ **Appearance:** **Dark Brown viscous Paste Soft mass shall be free from insect fragments and rodent concentration with sweet**
- ❖ **Boiling Point:** Not available.
- ❖ **Melting Point:** Not available.
- ❖ **Critical Temperature:** Not available.
- ❖ **Vapour Pressure:** Not available.
- ❖ **Vapour Density:** Not available.

10- STABILITY AND REACTIVITY DATA

- ❖ **Stability:** The product is stable for 2 years.
- ❖ **Incompatibility (material to avoid):** Oxidizing materials.

11- TOXICOLOGICAL INFORMATION

- ❖ **Toxicity:** It is non toxic& non carcinogenic.
- ❖ Signs & symptoms of over exposure.
- ❖ **Inhalation:** Used by intended route only. Do not Inhale.
- ❖ **Eye contact:** may cause irritation.
- ❖ **Skin contact:** May cause irritation.
- ❖ **Ingestion:** Use by intended route only.
- ❖ **Medical conditions aggravated by over exposure:** Some individuals may become sensitized from exposure & develop skin rashes coughs, stuffy nose, & other allergic complaints.

12- ECOLOGICAL INFORMATION

- ❖ **Ecotoxicity:** Insignificant toxic hazard.
- ❖ **Bio accumulation:** None.
- ❖ **Special Remarks on the Products of Biodegradation:** Biodegradable.

13- DISPOSEAL CONSIDERATIONS

- ❖ **Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14- TRANSPORT INFORMATION

We hereby certify that content of the substance / the articles substances of this shipment are properly described by name, that they are not listed in the current edition of IATA. Dangerous Goods Regulations (DGR). Alphabetical List of Dangerous Goods nor do they correspond to any of the hazardous classes appearing in the DGR. Section 3 Classification of Dangerous Goods and that they are known to be not dangerous i.e. not restricted. Furthermore the Shipper confirms that the goods are in proper condition for transportation on passenger carrying aircraft (DGR, para S I 23) Also certify that the contents of the consignment are not dangerous and are not dangerous of carrying by air according to the current edition for IATA dangerous goods regulation and all the applicable carrier and government regulation. We acknowledge that we may be liable for dangerous resulting from any mis-statement for omission and we further agree that any air carrier involved in the shipment of the consignment may rely upon this certificate.

- ❖ *Chemical composition, reactivity & toxicity do not limit mode of transport.*
- ❖ *Material is stable for Air, Sea & ground transport..*

15- OTHER REGULATORY INFORMATION

- ❖ **Status on substance lists:** The concentration shown is maximum or ceiling levels (weight %) to be used for calculation for regulations.
- ❖ Components present in the product at a level, which do not, required reporting under the status.

16- OTHER INFORMATION

- ❖ the information above is based on the best information currently available to us. However, we do not claim any warranty of merchantability or any other warranty, express or implied, with respect to such information and *HILL NATURAL EXTRACT LLP* assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.