

SEED CAKE IN CONTAINERS

Dear Valued Customers,

Carriage of Seed Cakes (Including Copra Meal) Procedure

Please find following requirement for shipment of Seed Cakes. Copra meal is categorized as seed cakes. Seed cakes are to be transported in compliance with the requirements set out in the International Maritime Dangerous Goods Code (IMDG Code). The following procedure must be observed :-

Seed Cake include – those derived from coconut (copra), cotton seed, groundnut (peanut), linseed, maize (hominy chop) niger seed, palm kernel, rape seed, rice barn, soybean seed and sunflower seed and they may be shipped in the form of cake, flakes, meals, pallets or expellers where oil has been removed from oil-bearing seeds, cereals or commodities with similar properties.

IMDG Class	UN numbers	Descriptions
Class 4.2	1386 (a)	Mechanically expelled seeds . Containing more than 10% of oil or more than 20% of oil and moisture combined.
Class 4.2	1386 (b)	Solvent extracted or mechanically expelled seeds. Containing not more than 10% of oil and when the amount of moisture is higher than 10% not more than 20% of oil and moisture combined.
Class 4.2	2217	Solvent extracted seeds. Containing not more than 1.5% of oil and not more than 11% moisture.

Self –Reacting Commodities under certain conditions may self-heat and ignite (spontaneous combustion). It is compulsory to declare Seed Cake , Copra Cake , Copra Meal as DG (Hazardous cargo).

Packaging :-

Sift-proof, tear-proof bags. The maximum nett mass shall adhere to 6.1.4 of the IMDG Code. (i.e. max nett mass of 50 kgs/bag for sift-proof bags). Packaging of cargo should be in accordance with the

requirements of Chapter 4.1 of the IMDG Code. Copra Meal should also be packed into a sift-proof, tear proof, bags. The maximum shall adhere to section 6.1.4 of the IMDG Code (i.e. maximum nett mass of 50kgs / bag).

IMDG Code regulations	Type of packaging	Maximum nett mass / bag
6.1.4.15	Textile bags (5L1 , 5L2 , 5L3)	50 Kgs
6.1.4.16	Woven plastic bags (5H1 , 5H2 , 5H3)	50 Kgs
6.1.4.17	Plastic film bags (5H4)	50 Kgs
6.1.4.18	Paper bags (5M1 , 5M2)	50 kgs

Container stuffing :-

- Dry 20ft or 40ft containers can be used. Containers shall be in good condition and clean.
- The temperature of the Seed Cake to be placed inside the container should not exceed 55C at the time of stuffing.
- Maximum height of Seed Cake bags in the container to be less than 6 inches / 15 cm from the roof / ceiling to allow proper ventilations flow.
- Container ventilation holes to be in open condition.

Documentations :-

- Multimodal Dangerous Good Declaration Form
- Certificates from the shippers shall state oil content and moisture content and shall accompany the shipment.

On-board stowage :-

- Seed Cake shall be stowed in accordance with IMDG, SOLAS, IMO and ship's Documentation of Compliance for Carriage of Dangerous Goods as well as any requirements set by the vessel Flag State of the ship.
- In all cases containers of Seed Cake should be protected from sources of heat and kept dry as reasonably particle (properly aged).

We look forward to your continuous support. Should you require further information, please do not hesitate to contact MCSL Head office.