

## Oilseed Meal - Dangerous Goods Classification

Oilseed Cake (Meal) may be classified under the Australian Dangerous Goods Code as a Dangerous Good. This classification has impacts on not only the storage of oilseed meals, but also on the transport of oilseed meals by road and rail. The Australian Oilseeds Federation has established that oilseed meal of defined specifications when tested in accordance with UN Transport of Dangerous Goods Protocol for self-heating substance (Class 4.2) did not undergo any spontaneous ignition and therefore cannot be assigned as a Self-heating substance of Division 4.2. This results in a non-Dangerous Goods classification for the transport of oilseed meals by road and rail when specific maximum oil and moisture criteria are met.

### Canola Meal

Loads meeting the oil and moisture specifications of Oil 12% Max; Moisture 12% Max may be transported by road or rail as non-Dangerous Goods when the transport documents describe them as;

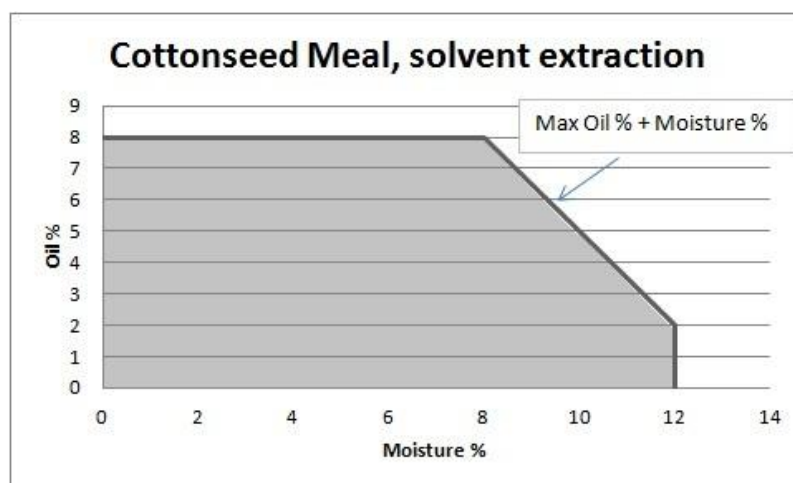
**“Canola meal (Oil 12% max, Moisture 12% max) is not classified as DG - Refer ADG 7.6 Clause 2.4.3.2.3.2(a)”**

### Cottonseed Meal, Solvent Extract

Loads meeting the maximum oil and moisture specifications, as indicated by the shaded area in the graph below, may be transported by road or rail as non Dangerous Goods when the transport documents describe them as;

**“Cottonseed Meal, solvent extracted (Oil <Y>%, Moisture ,<X>% \*) not classified as DG - refer ADG 7.6 clause 2.4.3.2.3.2(a)”**.

\* the specific test results for a representative sample of the load must be inserted.



**Note: to clarify the reference to ADG 7.6, Clause 2.4.3.2.3.2**

Clauses under section 2.4.3 in the ADG 7.6 provide definitions relating to Substances Liable to Spontaneous Combustion.

2.4.3.2.3 Self-heating substances

2.4.3.2.3.1: A substance must be classified as a self-heating substance of Division 4.2 if, in tests performed in accordance with the test method given in the *Manual of Tests and Criteria*, Part III, sub-section 33.3.1.6:

- (a) a positive result is obtained using a 25 mm cube sample at 140°C;
- (b) a positive result is obtained .....

**2.4.3.2.3.2 A substance should not be classified in Division 4.2 if:**

- (a) a negative result is obtained in a test using a 100 mm cube sample at 140°C;**

**Soya Bean Meal**

Listed under UN 2217: SEED CAKE with not more than 1.5% oil and not more than 11% moisture is a special provision 142.

Under Part 3 of ADG 7.6, Dangerous Goods Lists, Special Provisions and limited Quantity Exceptions;

**Special Provision 142 states:**

Solvent extracted soya bean meal containing not more than 1.5% oil and 11% moisture, which is substantially free of flammable solvent, is not subject to this Code.

**Transport of Oilseed Meals by Sea**

Exporters are reminded that different dangerous goods criteria apply for the transport of canola meal by sea. Exporters should ensure they are familiar with the requirements for transport of oilseed meals by sea.

**More Information**

More information is available in the Australian Code for the Transport of Dangerous Goods by Road & Rail, Edition 7.6, 2018.