



## **FINAWAX-O**

**CHEMICAL DESCRIPTION** : Oleamide

**CAS NUMBER** : 301-02-0

**TYPICAL SPECIFICATIONS** :

Appearance	:	Beads/microbeads
Colour (Gardner)	:	2.0 max
Amide Content	:	98.0 % min
Iodine Value	:	80 - 95
Acid Value	:	1.0 max
Melting Point°C	:	73 ± 5°C
Moisture	:	0.25% max

(Slight variations in the specifications stated due to raw materials and production conditions are possible though they have no influence on the application properties described.)

FINAWAX-O is a refined vegetable oil based Oleamide. FINAWAX-O is a slip agent for Polyolefins.

### **APPLICATIONS:**

FINAWAX-O is a high purity - fast blooming Oleamide, suggested as a slip additive in polyolefin applications.

FINAWAX-O reduces CoF between the layers of the film and also between the film and other surfaces which are in contact with film.

A very small use level of 0.1% FINAWAX-O will impart required slip properties to Polyolefin films used for high speed packaging applications.

### **OTHER APPLICATIONS:**

FINAWAX-O is used in printing Inks, rubber compounds, adhesives, coatings, closures and EVA co-polymers as a surface lubricant in production of Metal articles. FINAWAX-O also improves penetration, flexibility and slip and seal properties of wax and resin coated paper and paperboard products.

- STORAGE** : It is suggested to store FINAWAX-O in a cool and dry place. Prolonged storage above 35°C can cause caking.
- SHELF LIFE** : The quality of FINAWAX-O is expected to be within specified limits for 12 months from the date of production, when stored under prescribed conditions.
- APPROVALS** : FINAWAX-O is cleared for use in articles for indirect food contact by US FDA under CFR 21 under the following sections.
- 21 CFR § 179.45 component of packaging materials for use during irradiation of pre-packaged foods.
  - 21 CFR § 181.28 Release agent in the manufacture of Food Packaging Materials.
  - 21 CFR § 178.3910 Surface lubricants used in mfg. of metallic articles used for food packaging.
  - 21 CFR § 177.1350 EVA co-polymers.
  - 21 CFR § 179.45 component of packaging material during radiation preservation of pre-packaged food.

**Some of the food contact approvals are:**

**EU** : Oleamide is fully REACH registered

Oleamide is listed in EU Directive 2002/72/EC without limitations. It is approved in EU at a harmonized level. Single States legislations applicable to individual has been no longer valid since 1999

<b>Australia</b>	:	AS 2070/1/01	0.2% (in PE and PP)
<b>Japan</b>	:	PE and PP	1.0%
		PS, HIPS, SAN, ABS	0.1%
		Utensils	2%

**PACKING** : The standard packing is 25 kg polyethylene bags and 500 kg / 600 kg grounded big bags

The recommendations in this bulletin are made without guarantee since the conditions of use are beyond our control. Users should make their own tests depending on machinery available and desired properties.