

# Cargill NatureWax<sup>®</sup> C-310 vegetable wax

## Product Description

A proprietary blend of hydrogenated vegetable glycerides (vegetable waxes) based on European-sourced Soybeans of non-GM (identity-preserved) origin.

NatureWax<sup>®</sup> C-310 vegetable wax of non-GM origin additionally contains no ingredients with an animal or mineral/petroleum origin.

## Applications

- Scented Containers
- Tealights

## Advantages

- Neutral and very stable base odor which supports delicate fragrances
- Smooth finish and good tolerance to crystallization bloom
- Excellent hot and cold fragrance throw
- Clean burning

## Typical Properties

CHEMICAL & PHYSICAL ANALYSIS <sup>1</sup>	MINIMUM	TYPICAL	MAXIMUM	UOM	METHOD
Color Red	-	-	1.5	-	AOCS Cc 13j-97
Peroxide Value	-	-	1.5	meq/kg	AOCS Cd 8b-90
Mettler Dropping Point	51	53	55	°C	AOCS Cc 18-80

<sup>1</sup> Note: The specification for quality is final at loading. Cargill reserves the right to use internal analytical methods that follow the international reference methods

### Packaging, Storage, and Handling

NatureWax® products are available in different formats depending on their origin. Please contact us for details.

NatureWax® C-310 vegetable wax is supplied in a convenient pastille form which is non-dusting and free-flowing. For ease of use, store at 10-20°C (50-68°F). Protect from extreme heat and cold; prolonged storage at temperatures over 30°C (86°F) or under 5°C (41°F) should be avoided.

### Use Instructions

#### Melting

The wax may be melted at about 75°C (167°F) to incorporate colors and fragrances. Higher temperatures are permissible but heating the wax above 90°C (194°F) for prolonged periods is not recommended.

#### Pouring

The ideal pouring temperature will depend on mold size, ambient temperature and the other ingredients used; some small-scale experimentation is highly recommended before pouring larger quantities. The wax is tolerant to different pour temperatures, though lower temperatures generally result in fewer surface defects and may alleviate the need for a second pour. A recommended starting range is 55-65°C (131-149°F).

#### Curing

The candle should be allowed to cool and cure for at least 12 hours before use, preferably in a temperature-controlled environment.

### Shelf Life

#### Packaged Product

18 months from Date of Pack. Testing toward end of anticipated shelf-life may suggest that shelf-life may be extended. Please request assistance if this is required.

### Environmental and Safety

NatureWax® C-310 vegetable wax of non-GM origin is a non-hazardous\* and biodegradable† material. For more information on its environmental and regulatory status, please request our Safety Data Sheet.

### Additional Information

#### Bio-engineered status

NatureWax® C-310 vegetable wax is produced from identity-preserved (non-GM) soybeans of European origin.

If you have further questions do not hesitate to **reach out to your local representative.**

\*NatureWax® C-310 vegetable wax is considered non-hazardous according to regulation (EC) No. 1272/2008.

†NatureWax® C-310 vegetable wax is biodegradable based on testing results of similar substances.

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