

# Technical Data Sheet

## NatureWax® C-3S: Sunflower Wax

### PRODUCT DESCRIPTION

A proprietary blend of hydrogenated vegetable glycerides ('vegetable waxes') based on sunflower and olive oil. NatureWax® C-3S contains no ingredients with an animal or mineral/petroleum origin and is free from materials originating from genetically-modified (GM) plant sources.

### APPLICATION

Vegetable-based, ready-to-use wax blend developed primarily for use in scented container candles.

### TECHNICAL CHEMICAL / PHYSICAL PROPERTIES

Chemical & Physical Analysis	Typical	UOM	Method
Congealing point	38	°C	ISO 2207
Drop point	47	°C	DIN ISO 2176
Needle Penetration	42	d-mm @ 25°C	DIN 51579
Colour	-2.1	Yi*-value	DIN 1925, ASTM E313
Colour	53.7	Wi*-value	CIE, ASTM E313

### USE INSTRUCTIONS

#### Melting

The wax may be melted at about 70°C to incorporate colours, fragrances and other waxes. Higher temperatures are permissible but heating the wax above 90°C for prolonged periods is not recommended and may cause discolouration.

#### Pouring

The ideal pouring temperature will depend on the size of the candle, the ambient temperature and the other ingredients used; as an indication, pour at 50-55°C for a 200g / φ 8cm candle, when the container and surroundings are at 20°C.

#### Curing

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

### SHELF LIFE, SHIPPING & STORAGE INFORMATION

#### Product Shelf Life

365 days from Date of Pack, for unopened boxes stored cool, dry and out of direct sunlight.

Re-testing towards the end of the anticipated shelf-life may permit it to be extended. Please request assistance if this is required.

#### Shipping & Storage Conditions

For ease of use, store at 18-25°C. Protect from extreme heat and cold (temperatures over 32°C and under 5°C).

## CONTACT

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