

## 13C1270CT - NatureWax® S-113 Soy Base Stock Product Specification

### Product Description

Hydrogenated soybean glycerides. Citric acid added to preserve freshness.

### Application

Vegetable glycerides substitute for paraffin in wax applications.

### Technical Chemical / Physical Properties

Chemical & Physical Analysis	Minimum	Typical	Maximum	UOM	Method
Color Red			1.5		AOCS Cc 13j-97
Free Fatty Acids as oleic (282)			0.1	%	AOCS Ca 5a-40
Peroxide Value			1.5	meq/kg	AOCS Cd 8b-90
Iodine Value	50		60	cg/g	AOCS Cd 1-25
Mettler Dropping Point	111	123	116	°F	AOCS Cc 18-80

### Possible Uses

Candles: Container Candle Wax, softener for pillar candles

Toiletries: Hair Care products, Pomade, Soaps, lotions

Other: Paper cup coatings, Stationary pencils, Color pencils, Ink ribbons, Mold lubricant, Textile finishes, Sizing, Cord lubricant, Metal lubricant, Adhesives, Thermoplastics resin additive, & leather dressing, crayons

### Allergen Statement

The causative agents of food allergies are the proteins of the oilseed from which edible oils (soybean, canola, cottonseed, sunflower, corn, palm, palm kernel, coconut, peanut) are extracted. These Oils are then highly refined through the process of refining, bleaching and deodorization. These oils described in studies as "highly refined" do not demonstrate a hazard to allergic individuals, as shown in studies using the "gold standard" for food allergy diagnosis, the double-blind placebo-controlled food challenge.

Hefle, Susan L. and Taylor, S. L., Allergenicity of Edible Oils, Food Allergy Research & Resource Program, 9/1/1998.

### Bio-Engineered Status

Our NatureWax products are manufactured from natural oils. There are no genetically modified markers present in the natural oils comprising or used to manufacture this product.

### Regulated Additive(s)/Ingredient(s)

Additives:	Citric Acid
Antioxidant:	None
Anti-Foaming Agent:	None

Date Issued: 1-Apr-09

Date Revised: 1-Apr-09

**contact;**

*Elevance Renewable Sciences / 175 E. Crossroads Parkway / Ste. F / Bolingbrook, IL 60440 / 877-218-2795 / CustomerService@elevance.com*

ALL OF THE ABOVE PRODUCT INFORMATION IS, TO OUR BEST KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE OF THIS INFORMATION OR ANY MATERIAL SUPPLIED ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE. NOTHING CONTAINED HEREIN SHALL BE CONSTRUED TO INFER FREEDOM FROM PATENT INFRINGEMENT. WE EXPRESSLY DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT THE LAWS OF THE STATE OF ILLINOIS, USA, ARE INCORPORATED INTO AND ARE TO GOVERN THE TERMS OF WARRANTIES.

## 13C1270CT - NatureWax® S-113 Soy Base Stock Product Specification

### Packaging & Coding

#### Lot code Format

Each piece/unit will have a code date, time of pack, and the item code legibly printed on each piece/unit.

Normal Code: Plant ID (1 letter), Year (1 number), Month (1 letter), Day (2 numbers), Time (Military), Item #.

### Shelf Life, Shipping, & Storage Information

#### Product Shelf Life

365 days from Date of Pack

#### Shipping & Storage Conditions

For ease when using, store at 65 – 85 deg F. Protect from extreme heat and cold (Temperatures over 90 deg F and under 40 deg F).

Date Issued: 1-Apr-09

Date Revised: 1-Apr-09

*contact;*

*Elevance Renewable Sciences / 175 E. Crossroads Parkway / Ste. F / Bolingbrook, IL 60440 / 877-218-2795 / CustomerService@elevance.com*

ALL OF THE ABOVE PRODUCT INFORMATION IS, TO OUR BEST KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE OF THIS INFORMATION OR ANY MATERIAL SUPPLIED ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE. NOTHING CONTAINED HEREIN SHALL BE CONSTRUED TO INFER FREEDOM FROM PATENT INFRINGEMENT. WE EXPRESSLY DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. THE LAWS OF THE STATE OF ILLINOIS, USA, ARE INCORPORATED INTO AND ARE TO GOVERN THE TERMS OF WARRANTIES.