

# Sorbitan Tristearate

Product Datasheet

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Product Code : **DynaSorb-T07**

## Description

Form : Solid  
 Appearance : Off-white to light brown powder or flakes  
 Feedstock : Palm  
 EC No : E 492

## Applications

- Fat crystal modifier thereby retards "fat bloom" in chocolates
- Prevents crystal formation and sandiness in margarine
- Prevents crystal formation in vegetable oil

## Typical Specifications

Acid Value	: Max 7 mg KOH/g	AOCS Cd 3d-63
Free Fatty Acid	: Max 3.5%	
Saponification Value	: 176-188 mgKOH/g	AOCS Cd 3b-76
Melting Point/Hardening Point	: 54-60°C	Capillary Tube
Hydroxyl Value	: 66-80 mgKOH/g	AOCS Cd 13-60
Sorbitol, Sorbitan and Isosorbide content	: Min 95%	
Water	: Max 1.5%	AOCS Ea-58
Sulphated Ash	: Max 0.5%	

## Heavy Metals

Arsenic (As)	: Max 3 mg/kg
Lead (Pb)	: Max 2 mg/kg
Mercury (Hg)	: Max 1 mg/kg
Cadmium (Cd)	: Max 1 mg/kg
Heavy Metals (as Pb)	: Max 10 mg/kg

## Microbiological Specifications

Yeast and mould	: Max 100/g
Total plate count	: Max 5,000/g
Salmonella	: Absent in 25 g
Coliform	: Absent in 0.1g

## Dosage

Chocolate	: 0.3-0.5% of batch weight
Vegetable Oils/ margarine	: 15 ppm
Dry Yeast	: 1% of batch weight
Non-dairy whipped toppings	: 0.3% of batch weight

## Packing

25 kg Paper-laminated HDPE Bag with inner poly-liner

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## **Recommended Storage**

Store in a cool and dry place, at ambient temperature, away from direct sunlight.

## **Shelf Life**

24 months from date of manufacture

## **GMO Status**

This product is not genetically modified and raw materials used in manufacturing process of product do not contain any ingredient which is genetically modified.

## **Suitability Data**

Suitable for Vegan : Yes  
Kosher Certified : Yes  
Halal Certified : Yes

## **Nutritional Information (Theoretical) per 100g**

Energy (KJ) : 920 KJ  
Protein (g) : 0 g  
Total Fat (g) : 100 g  
    Saturated Fat (g) : 0 g  
    Trans Fat (g) : 0 g  
Total Carbohydrates (g) : 0 g

## **Allergen**

Cereals containing gluten and their product : No  
Crustaceans and their product : No  
Eggs and egg products : No  
Fish and fish products : No  
Peanuts and their product : No  
Soybeans and their product : No  
Milk and Milk products : No  
Nuts : No  
Celery and their product : No  
Mustard and their product : No  
Sesame seeds and their product : No  
Sulphur dioxide and sulphites (>10mg/kg) : No  
Lupin and their product : No  
Molluscs and their product : No

## **Country of Origin**

India