

# Sorbitan Monostearate



**CODE:**Span

**SPECIFICATION:** S-20/S-40/S-60/S-65/S-80/S-85

**PACKAGING:** 200kg/Drum/IBC; 25kgs/Bag

## What is Span?

Span series belong to emulsifier category with emulsification function to be used in all kinds of food .

### Function:

Emulsification

Foaming

Dispersion

Defoaming

Stabilization

Span has strong emulsification, dispersion and stabilization effect, widely used in candy, ice cream, biscuits, chocolate, bakery and other industries.

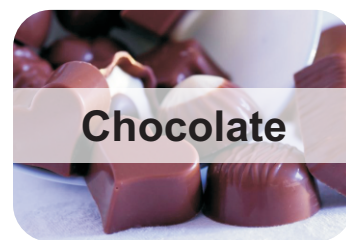
## Applications



### Candy

- Prevent cream candy, toffee oil separation phenomenon;

Prevent the crystallization of chocolate granulated sugar; ●  
Improve the texture; ●  
Increase the delicate feeling; ●



### Chocolate



### Ice cream

- Make the tissue mix evenly, delicate and smooth;
- Improve the shape retention and the expansion activity;

Improve the dough structure; ●  
Prevent bread aging, bread soft; ●  
Increase the volume, elastic; ●  
Extend the shelf life; ●



### Bakery



### Biscuits

- Make oil evenly dispersed in emulsified state;
- Effectively prevent oil from seeping out;
- Improve the brittleness of biscuits;

As an emulsifier for coffee, emulsifying drinks, frozen snacks and edible essences; ●  
Preservatives for fresh fruits and vegetables; ●  
A defoaming agent used to concentrate molasses, emulsions, granulated sugar, etc; ●



### Others

## Physical-chemical Characteristics

ITEMS	SPECIFICATION			
Product Name	SPAN 20	SPAN 40	SPAN 60	SPAN 80
Acid Value (mg KOH/g)	≤7	≤7	≤10	≤8
Saponification Value (mg KOH/g)	155-170	144-155	147-157	145-160
Hydroxyl Value (mg KOH/g)	330-360	270-305	235-260	193-210
Fatty Acid (W/%)	55-68	63-71	71-75	73-77
Moisture(W/%)	≤1.5	≤1.5	≤1.5	≤2
Sorbitol(W/%)	36-49	33-38	29.5-33.5	28-32

## Packaging - Storage and Transportation



**Packaging** :25kg/bag for S-40, S-60, S-65 and 200kg/drum for S-20, S-80, S-85

**Storing** :Dry and ventilated environment at temperature below Max. 30°C

**Transportation** :18 tons for for S-40, S-60, S-65 and 80 drums for S-40, S-60, S-65 for one 20GP container without pallets

