

# FlaMas- TS-CWS- E1422

## ACETYLATED DISTARCH ADIPATE

### DESCRIPTION

FlaMas-TS-CWS-E1422 is an Acetylated Distarch adipate-Pregelatinized tapioca starch which is a **Vegan, Plant-based, Gluten free and Non-GMO based product** that is **pre-cooked, soluble in cold water**. It can be used as a Thickener, Binder, Emulsifier and Stabilizing agent in **Fruit Sauce, Ketchup, infant's foods, Yogurt and Baking Industry**.

### SPECIFICATIONS

S.No	PARAMETERS	SPECIFICATIONS	METHOD OF ANALYSIS
1	APPEARANCE	WHITE TO OFF WHITE COLOUR FINE FREE FLOWING POWDER	ASF/QP/QA/06/15
2	SOLUBILITY	100% SOLUBLE IN COLD WATER	ASF/QP/QA/06/01
3	pH OF 10% (aqu.Soln)	5 TO 7.5	IS 4706(PART 2)
4	VISCOSITY OF 5% SOLUTION IN BROOKFIELD VISCOMETER, (Spindle No:2, RPM :100, Temp: 30° C)	100 TO 300cP	ISI 17- 1e
5	MOISTURE CONTENT (w/w)	Max 8%	IS 4706(PART 2)
6	BULK DENSITY (gms/ml)	0.3 TO 0.5	ASF/QP/QA/06/08
7	PARTICLE SIZE (60 MESH)	MIN PASS 99%	BS 410 1986
8	ASH CONTENT (w/w)	Max 1.5%	IS 4706(PART 2)
9	ACETYL CONTENT,%	1.5- 2.5%	ISI 14- 2e

Mail Id : [enquiry@angelstarch.com](mailto:enquiry@angelstarch.com) Website : [www.angelshopee.com](http://www.angelshopee.com) / [www.angelstarch.com](http://www.angelstarch.com)

PH: +91-424-2272728 /2272612 MOBILE : +91 95006 11022



**ZED**  
ZERO DEFECT · ZERO EFFECT



# FlaMas- TS-CWS- E1422

## ACETYLATED DISTARCH ADIPATE

### MICROBIOLOGICAL PARAMETERS

S.No	TEST PARAMETERS	UNITS	LIMITS AS PER FSSAI	METHOD OF ANALYSIS
1	Total Plate Count	cfu/g	Not more than 20000	IS 5402
2	Yeast & Mould	cfu/g	Not more than 100	IS 5403
3	<i>E coli</i>	Present/Absent/g	Absent	IS 5887:PART 1
4	Salmonella	Present/Absent/25	Absent	IS 5887:PART 3
5	Coliform	cfu/g	Absent	IS:5401
6	<i>Staphylococcus aureus</i>	Present/Absent/25	Absent	IS 5887:PART 2
7	<i>Listeria monocytogenes</i>	Present/Absent/25	Absent	IS 14988:PART 1

### MINERALS AND HEAVY METALS PARAMETERS

S.No	TEST PARAMETERS	UNITS	LIMITS	METHOD OF ANALYSIS
1	Arsenic	mg/kg	Not more than 0.3	FSSAI MANUAL 2016
2	Lead	mg/kg	Not more than 0.1	FSSAI MANUAL 2016
3	Cadmium	mg/kg	Not more than 0.1	FSSAI MANUAL 2016
4	Mercury	mg/kg	Not more than 0.01	FSSAI MANUAL 2016
5	Copper	mg/kg	Not more than 1	FSSAI MANUAL 2016
6	Tin	mg/kg	Not more than 0.1	FSSAI MANUAL 2016
7	Zinc	mg/kg	Not more than 5	FSSAI MANUAL 2016

Mail Id : [enquiry@angelstarch.com](mailto:enquiry@angelstarch.com) Website : [www.angelshopee.com](http://www.angelshopee.com) / [www.angelstarch.com](http://www.angelstarch.com)

PH: +91-424-2272728 /2272612 MOBILE : +91 95006 11022



# FlaMas- TS-CWS- E1422

## ACETYLATED DISTARCH ADIPATE

### APPLICATIONS

#### As a Thickener and Stabilizer:

**FlaMas-TS-CWS-E1422** is cold water soluble. It can be used in foods as a Bulking agent, Binder, Thickener and Stabilizer; provides medium smooth thickness & texture to the products like **Fruit Sauce, Ketchup, Soy Sauce, Chocolate sauce, Canned foods, Baked Foods, Gravies, Yoghurt, Jelly, and Pudding.**

#### For Shear Applications:

**FlaMas-TS-CWS-E1422** has process tolerance, it is resistant to medium heat and shear. It has medium resistance against acids, sugar, salt and freeze/thaw stability. It adds luster to the products, making them more appealing. It has **high paste formation property in cold water.**

#### For Gluten-Free Products:

It can be used as a Gluten-Free substitute in various foods like infant foods, confectionery, Jelly type sweets, Iced lollies, wine gums, yogurts, fruit-flavored fillings and batter mixes to egg white mix.

### FEATURES AND BENEFITS

It is highly bio-degradable and causes no harm to the Environment.

**FlaMas-TS-CWS-E1422 is Pre-cooked and soluble in cold water.**

**FlaMas-TS-CWS-E1422** is a White powder that adds no color to application and blends well with other ingredients. It has a bland taste and so will not mask flavors or aromas.

**FlaMas-TS-CWS-E1422** contains no fat, protein, fiber, vitamins, or other minerals.

Mail Id : [enquiry@angelstarch.com](mailto:enquiry@angelstarch.com) Website : [www.angelshopee.com](http://www.angelshopee.com) / [www.angelstarch.com](http://www.angelstarch.com)

PH: +91-424-2272728 /2272612 MOBILE : +91 95006 11022



# FlaMas- TS-CWS- E1422

## ACETYLATED DISTARCH ADIPATE

### STORAGE

Exhibits excellent stability when stored under cool and dry ventilated place. Avoid direct sun light.

### BEST BEFORE DATE

Twelve months from the date of manufacturing.

### PACKING

Available in 25 Kgs net weight paper bags with moisture proof liner inside.

### ADDITIONAL INFORMATION


<b>FSSAI Certification</b>	Yes
<b>ISO 9001:2015 Certification standard from SGS</b>	Yes
<b>ISO 22000:2018 Certification standard from SGS</b>	Yes
<b>BRC Global Standard for Food Safety Certification from SGS</b>	Yes
<b>Kosher Certification by Kosher Check,British Columbia, Canada</b>	Yes
<b>Halal Certificate</b>	Yes
<b>ZED Certificate</b>	Yes
<b>Preservative</b>	NOT PRESENT/ USED IN PRODUCT

Mail Id : [enquiry@angelstarch.com](mailto:enquiry@angelstarch.com) Website : [www.angelshopee.com](http://www.angelshopee.com) / [www.angelstarch.com](http://www.angelstarch.com)

PH: +91-424-2272728 /2272612 MOBILE : +91 95006 11022

# FlaMas- TS-CWS- E1422

## ACETYLATED DISTARCH ADIPATE

ADMIN&REGD.,OFFICE	FACTORYADDRESS:
1 <sup>ST</sup> Floor, H-19, Periyar Nagar, Erode-638009, Tamilnadu, India. Ph:+91-424-2272728/ +91-424-2272612 Fax:+91-424-2273426	Plotno.E-22, Sipcot Industrial Growth Centre, Perundurai-638052. Erode Dist, Tamilnadu, India. 

Review due date: 01.08.2023