

Product Information Sheet
CLARIA® Bliss 580
30000002944

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1. Supplier Information

Name: Tate & Lyle
Address: 919 08 Boleráz 114
Slovakia
Main Phone: +421 (33) 5561 601
Main Fax: +421 (33) 5561 602
www.tateandlyle.com

2. Emergency Contacts

During office hours: +421 33 5561 601
After office hours: +31 75 6532111
After Hours Emergency: +31 75 6532260

3. Product Information

Common Name: Food Starch
Material Number: 10400055
Specification Number: 300000002944
CAS Number: 9005-25-8
EINECS Number: 232-679-6
21 CFR References:

Food Grade: Yes
Appearance: Powder
Color: Off-White
Odor: Starch

4. Regulatory Status

- This product complies with the requirements of EU Directives and Regulations in force on foods and food ingredients. Prospective purchasers are advised to conduct their own tests, studies and regulatory review to determine the fitness of Tate & Lyle products for their particular purposes, product claims or specific application.
- Complies with FDA Regulation 21CFR182.1 as Tapioca Starch - Generally recognized as safe.

5. Ingredient Statement

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Tapioca Starch

6. Quality Documents

Quality documents (Specification, Technical Data Sheet, SDS & Nutritional) available upon Request.

7. Kosher/Halal Status

Certified Kosher: Yes
Certified Kosher for Passover: No

The above-mentioned ingredient or its components is certified Kosher by:

- London Beth Din Kashrut Division (KLBD)

Certified Halal: Yes

8. Allergen Status

If present in this Tate & Lyle ingredient, allergens will be denoted as “Present” in the table below:

Allergen	Status
	Absent

Meaning of Present/Absent/Present-Exempt

Present - Intentionally added during the production process.

Absent - Not intentionally added during the production process.

Present-Exempt - Intentionally added during the production process, however have been given exemption from being required to be labeled on the final package.

The above table of allergens is in accordance with all applicable EU and US legal requirements.

Additional allergen information:

- The above-mentioned ingredient does not originate from substances having allergenic properties for which labeling is required as defined in the Food Allergen Labeling and Consumer Protection Act of 2004 (Public Law 108-282, Title II). Specific allergens listed in this Act are milk, eggs, fish (e.g., bass, flounder, cod), Crustacean shellfish (e.g., crab, lobster, shrimp), tree nuts (e.g., almonds, walnuts, pecans), peanuts, wheat, and soybeans.

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9. Sulfur Dioxide and Sulfite Level

The sulfur dioxide and sulfite level for above-mentioned ingredient or its components is:

<u>Package</u>	<u>Sulfur Dioxide and Sulfite Level</u>
Bulk, Bags	< 10 ppm

10. Gluten Status

This product is neither originating from gluten containing cereals nor identified as containing gluten and complies with the applicable EU and US legal requirements based on real-time PCR gluten test methodology. It can be safely used in foodstuffs for people intolerant to gluten.

11. GMO Statement

The raw tapioca flour used to manufacture our tapioca starches does not contain GMO's (Genetically Modified Organism). Tapioca flour is produced from the cassava root, a tropically grown plant. Our supplier is not aware of any planned modification to the product. Please consider our Tapioca Starches as not containing genetically modified organisms.

12. Irradiation, ETO and Sewage Sludge

The above-mentioned ingredient or its components have not been produced and handled with the use of:

1. treatment with ionizing radiation
2. exposure to ethylene oxide
3. sewage or sludge.

13. Organic Statement

- Products manufactured at this Tate & Lyle facility are not designated as Organic.

14. Diet Suitability

Vegetarian: Suitable
Vegan: Suitable
Ovo-Vegetarian: Suitable
Lacto-Vegetarian: Suitable
Lacto-Ovo-Vegetarian: Suitable

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15. Bovine Spongiform Encephalopathies (BSE) /Transmissible Spongiform Encephalopathies (TSE)

1. This ingredient does not contain ingredients of animal origin.
2. If processing aids are contained in this ingredient, the processing aids are not derived from animal origins.
3. Prior to the manufacture of this ingredient, no ingredients of animal origin are present in equipment.

16. Sudan I – IV Dyes Content

- The above-mentioned ingredient or its components do not contain Sudan azo dyes (this includes Sudan I, Sudan II, Sudan III and Sudan IV, which is also known as scarlet red).

17. Country of Origin

The above-mentioned ingredient or its components is manufactured in the following country:
The Netherlands

18. Shelf Life

The expected shelf life for the ingredient based on being stored under the proper storage conditions:

<u>Package</u>	<u>Shelf Life</u>
Bulk, Bags	730 Days

19. Transportation Information/Storage Conditions

Storage Conditions

<u>Container</u>	<u>Storage Temperature</u>	<u>Storage conditions to achieve maximum shelf life</u>
Bulk, Bags		Store at ambient temperature and humidity

20. Lot Code Explanation

Batch Numbering Scheme:

PACKED PRODUCTS

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PPYYM9NNNN

PP - Plant ID
YY - Last two digits of the year (2012)
M - Month (A, B, C, D, E, F, G, H, I, J, K, L for Jan - Dec)
9NNNN - Plant related sequential number

Example: KO12G91130

KO - Plant ID for Tate & Lyle Netherlands
12 - Last two digits of the year (2012)
G - Month, July
91130 - Plant related sequential number

BULK DELIVERIES

PPYYMNNNNN

PP - Plant ID
YY - Last two digits of the year (2012)
M - Month (A, B, C, D, E, F, G, H, I, J, K, L for Jan - Dec)
NNNNN - Plant related sequential number

Example: KO12G00001

21. Certificate of Analysis

- Certificates of Analysis are available by request.

22. Current Good Manufacturing Practices (CGMP)

- The process used for the production of this product is operated based on Tate & Lyle's procedures, quality guidelines, HACCP programs and Good Manufacturing Practices. This operation complies with the FDA Good Manufacturing Practices detailed in 21 CFR 110 for Food Manufacturers, and those referenced in the European Commission Regulation (EC) No. 852/2004 on hygiene of foodstuff.

23. Guarantee (Continuing)

- Available upon request.

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24. HACCP/Flowchart

- Available upon request.

25. Audit Information

- Third Party audits are performed annually at Tate & Lyle locations. Information available upon request.

26. Emergency/Recall Procedures

- Please be assured that Tate & Lyle has a written Recall Procedure. In the event of an actual recall, Tate & Lyle will notify all customers who have received affected product. Mock Recalls are conducted at least annually.

27. Bioterrorism

- Tate and Lyle is in compliance with 21 CFR Part 1-Registration of Food Facilities, and Maintenance and Inspection of Records for Foods, under Public Health Security and Bioterrorism Preparedness and Response Act of 2002. Due to concerns with security, our legal department limits giving out the plant number unless there is an imperative border crossing issue.

28. Pest Control

- Tate & Lyle employs outside contractors to provide routine pest control service.

29. Pesticides

- Tate & Lyle has an ongoing pesticide monitoring program.

30. Proposition 65

- The State of California enacted the Safe Drinking Water and Toxic Enforcement Act of 1986 ("Proposition 65"), which "prohibits any person in the course of doing business from knowingly and intentionally exposing any individual to a chemical known to the State of California to cause cancer or reproductive toxicity without first giving clear and reasonable warning to such individuals." In our effort to satisfy the requirements of this law, independent laboratory analyses were obtained for those products which we manufacture or formulate for sale to you. The results of this analysis confirmed that there



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are no chemicals regulated under Proposition 65, other than naturally occurring chemicals, detectable in our products using standard analytical methods.