

FORMOSA PLASTICS CORPORATION



201, Tung-Hwa N.Road, Taipei, Taiwan.

TEL : (02)27122211

FAX : (02)27135423

24-Jan-2024

To Whom It May Concern:

Subject: Shelf life for Caustic Soda Micropearls

Regarding of caustic soda micropearls produced by FPC ,the shelf life is one year. If the product is well sealed and stored in a cool, dry well-ventilated area to prevent penetration of water or product contamination, caustic soda micropearls not altered or modified its chemical integrity. Hence you can still use it after the shelf life of one year.

We are very much work diligently to ensure our product quality remain in our sales specification. If you have any questions concerning our production, please do not hesitate to contact me.

If you have questions please feel free to contact us.

Sincerely,

Even Wang

Sales Representative

Formosa Plastics Corporation

FORMOSA PLASTICS CORPORATION



201, Tung-Hwa N.Road, Taipei, Taiwan.

TEL : (02)27122211

FAX : (02)27135423

24-Jan-2024

Vegan Statement

We, FORMOSA PLASTICS CORPORATION, hereby certify
our CAUSTIC SODA is Vegan.

This product is derived from brine (salt water) and there are no
animal derived products or components used in the production
process.

If you have questions please feel free to contact us.

Sincerely,

Even Wang

Sales Representative

Formosa Plastics Corporation



台灣塑膠工業股份有限公司

FORMOSA PLASTICS CORPORATION

10F.,A1 Bldg.,No. 380, Sec. 6, Nanjing E. Rd., Neihu Dist., Taipei City , Taiwan

SALES DEPARTMENT, PLASTICS DIVISION

TEL : 886-2-27122211 FAX : 886-2-27137012

24-Jan-24

NON-GMO STATEMENT

We certify that Caustic Soda produced by Formosa Plastics Corporation is Non-Genetically Modified Organism .

Even Wang

FORMOSA PLASTICS CO.

PLASTICS DIV. SALES DEPT.



FORMOSA PLASTICS CORPORATION

201, TUNG HWA NORTH ROAD TAIPEI, TAIWAN

TEL : 886-2-27122211 #6098

Statement

September 12, 2024

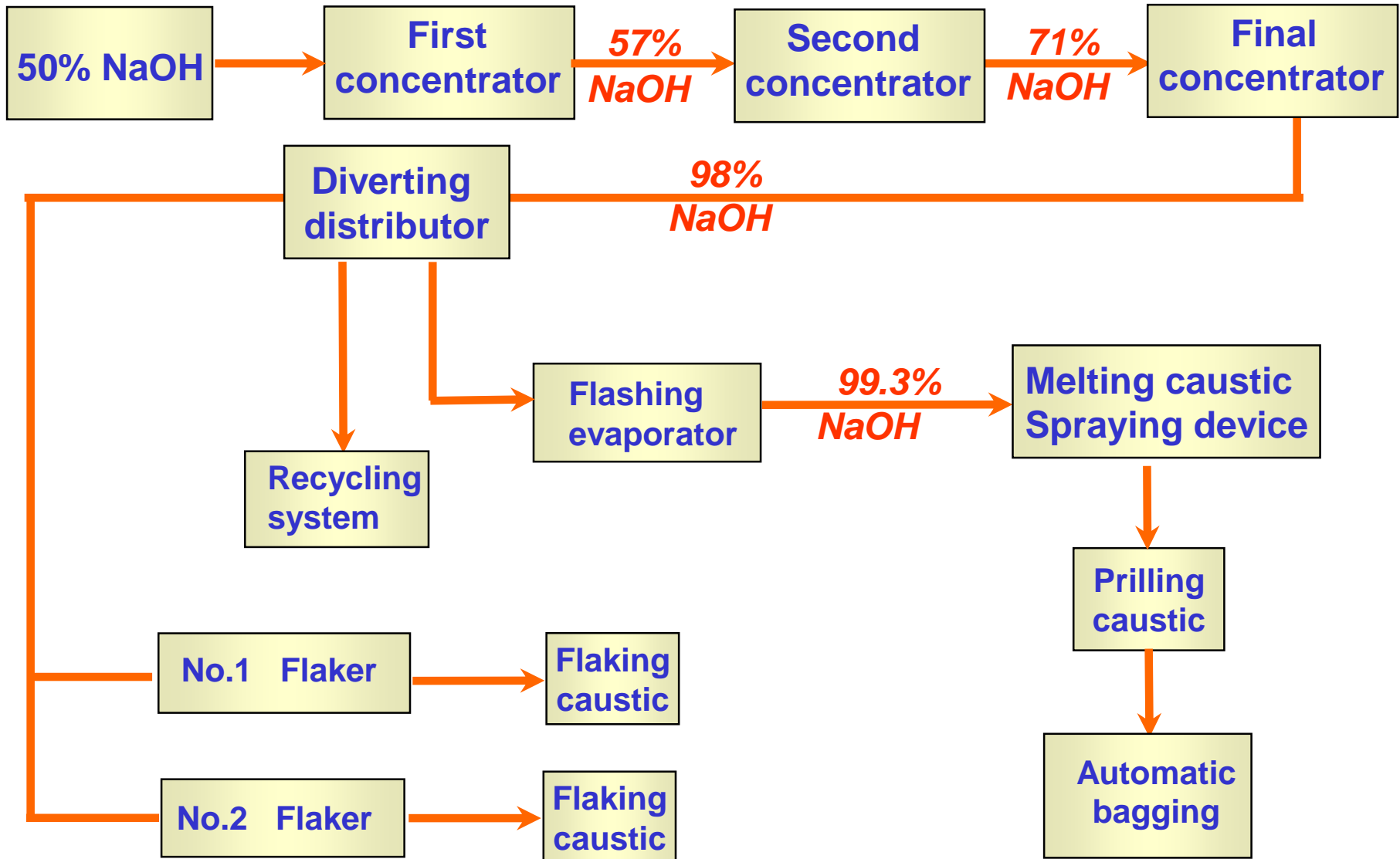
Dear Sir/Madam,

FPC caustic soda pearl has no nutritional value.

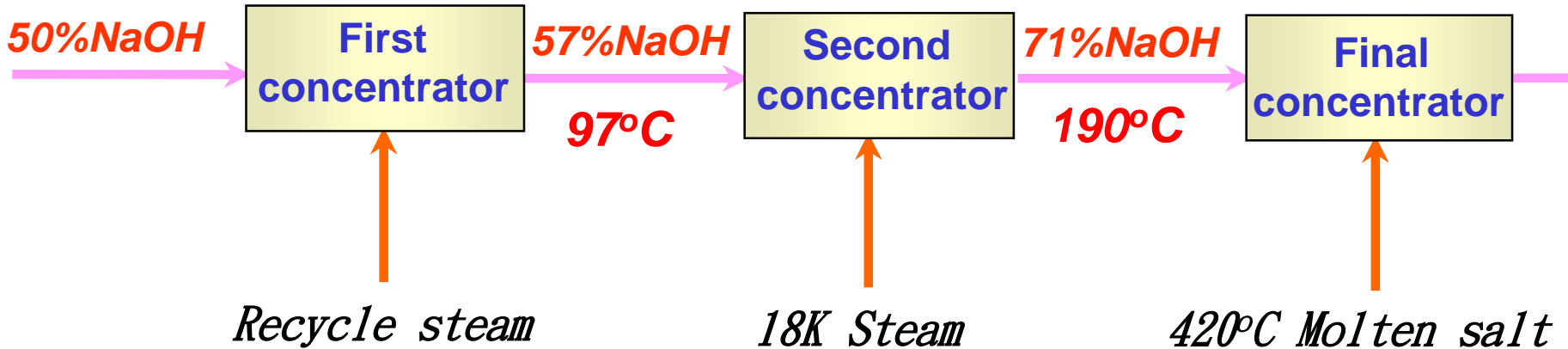
Formosa Plastics Corp.

Even Wang

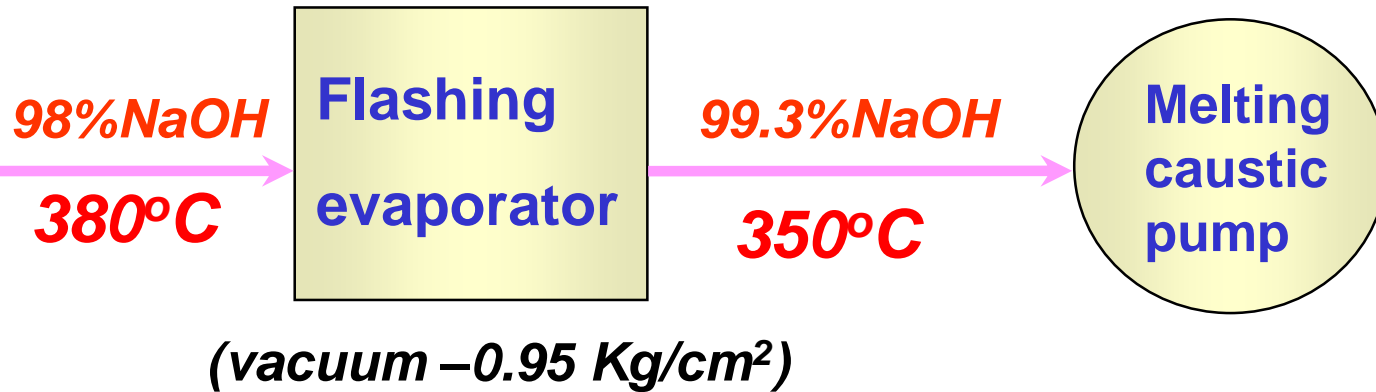
Prilling Process Diagram



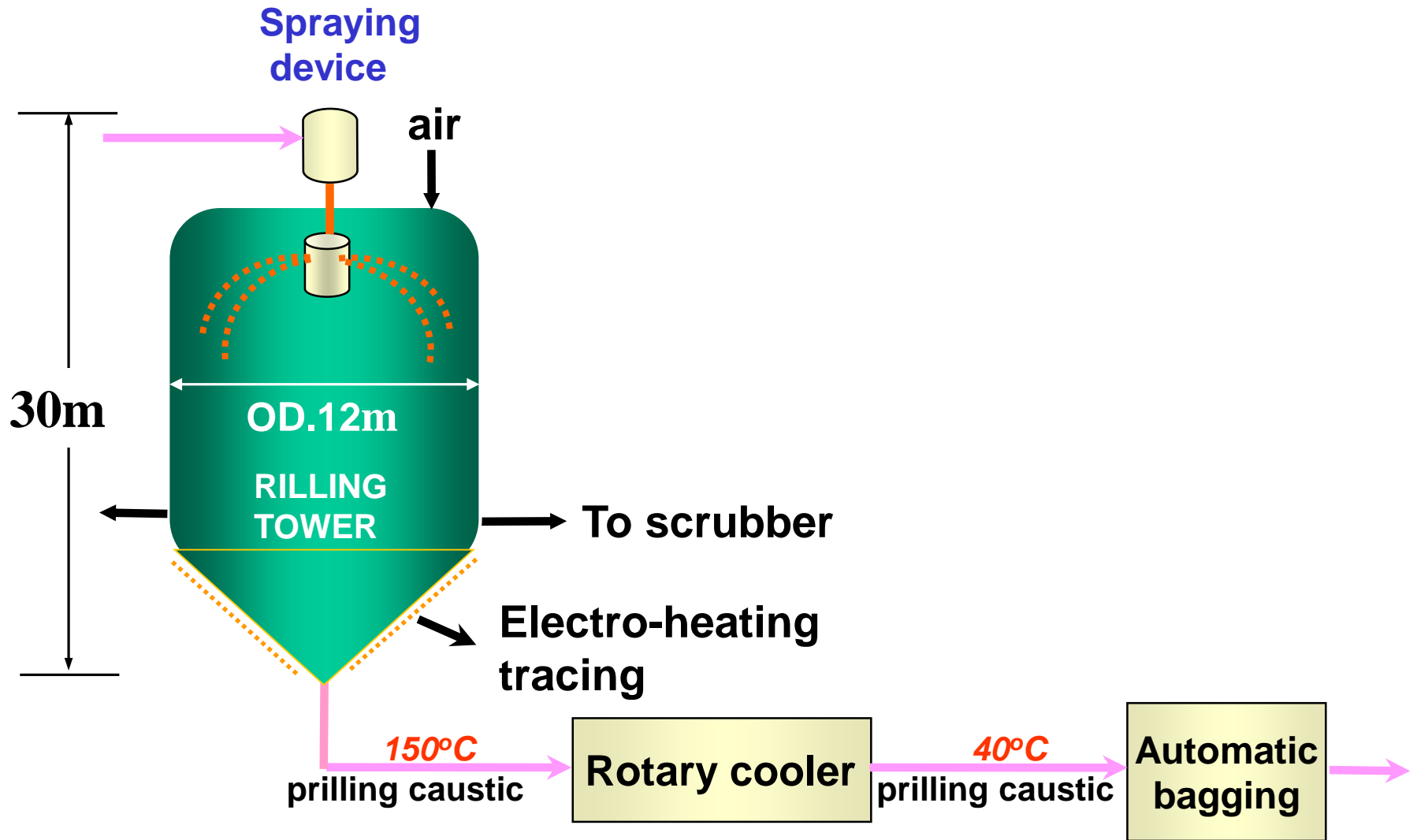
Prilling Process Section Diagram



Prilling Process Section Diagram



Prilling Process Section Diagram



Prilling Plant Outline



Automatic Palletizing Outline



Flaking product



Prilling product





FORMOSA PLASTICS CORPORATION

201, TUNG HWA NORTH ROAD TAIPEI, TAIWAN

TEL : 886-2-27122211 #6098

FAX : 886-2-27137012

Announcement

24-Jan-2024

This is to certify that

Formosa Caustic Soda Micropearls Micropearls, which is
manufactured in Taiwan by Formosa Plastics Corporation.

Even Wang

Formosa Plastics Corp.

Plastics Div. Sales Dept.

No.100 SHUIGUAN
RD.,REN WU DIST,
KAOHSIUNG CITY
814241,Taiwan



FORMOSA PLASTICS CORPORATION CERTIFICATE OF ANALYSIS

INVOICE NO. : 1AE41440
 ISSUED PLANT : FPC JEN WU C/A PLANT
 ISSUED ADDRESS : NO.100 SHUIGUAN RD. REN WU DIST KAOHSIUNG
 PRODUCT NAME : CAUSTIC SODA MICROPEARLS
 QUANTITY : 19.9584 MTS
 DATE OF MANUFACTURE : PLEASE REFER LOT.NO.(BATCH NO)
 L/C NO :

CONTAINER NO.	ITEM SPEC. LOT.NO. (BATCH NO)	T-NaOH	Na ₂ CO ₃	NaCl	Fe	Na ₂ SO ₄	Na ₂ O
		Min 99wt%	Max 0.4wt%	Max 0.03wt%	Max 0.0008wt%	Max 0.006wt%	Min 76.73wt%
EISU3952930	2023 12 30	99.21	0.30	0.0187	0.00036	0.0014	76.89
	2023 12 31	99.19	0.30	0.0165	0.00037	0.0013	76.87
TYPICAL SIZE(Dia)		0.25~0.5 mm		4.9%			
		0.5~1.0 mm		87.6%			
		1.0~1.30 mm		6.3%			
		1.30~1.70 mm		1.2%			

Check by : *C. Y. Lai* 1/5

Analyzed by : *T. L. Chou* 1/5



FORMOSA PLASTICS CORPORATION

201, TUNG HWA NORTH ROAD TAIPEI, TAIWAN

TEL : 886-2-27122211 #6098

FAX : 886-2-27137012

Announcement

24-Jan-2024

To whom it may concern

We hereby confirm that the Caustic Soda Micropearls, produced by Formosa Plastics Corporation's Chlor-Alkali Plant in Taiwan, does not contain Butylated Hydroxytoluene (BHT).

Our product is not made from any animal products, there is no chance of bovine spongiform encephalitis (BSE) or transmissible spongiform encephalitis (TSE).

Even Wang

Formosa Plastics Corp.

Plastics Div. Sales Dept.

**MATERIAL COMPOSITION &
ADDITIVE FREE STATEMENT**

DATE Jun. 10th , 2019

To whom it may concern:

The sodium hydroxide solid (caustic soda micropearls) manufactured by Formosa Plastics Corporation is synthetically produced by the chemical reaction of Sodium Chloride and Water. As a result the composition of this product is >99.3% Caustic Soda +0.7wt% max. water and it does not contain any additives, carriers, excipients, flow conditioners, anti-caking agents, bulking agents, preservatives, antioxidants, flavorings, colorings, or additional ingredients of any type.

Sincerely,

NAME C. Y. CHEN 

TITLE Senior Engineer of Jen-Wu Chloro-Alkali plant of Formosa Plastics Corporation in
Taiwan ROC



FORMOSA PLASTICS CORPORATION

201, Tung-Hwa N. Road, Taipei, Taiwan.

TEL : (02)27122211

FAX : (02)27135423

NON-IRRADIATION AND ETO STATEMENT

To whom it may concern:

We certify that the Caustic Soda Micropearls provided by Formosa Plastics Corporation have not been irradiated or treated with Ethylene Oxide or have undergone nonchemical sterilization.

Issued by

Company Name: Formosa Plastics Corporation Ren-Wu Chloralkali Plant

Position: Plant Manager

Kuang-Liang Wang

DATE : 2024/02/29



台灣塑膠工業股份有限公司

台北市敦化北路 201 號 · 台塑大樓

Formosa Plastics Corporation

**Plastics Division, 4th Fl., No.201, Tung Hwa N. Road,
Taipei, Taiwan, Republic of China**

Date : 2024-Jan-24

To Whom It May Concern:

Please note that Formosa places a lot number on the certificate of analysis that lists the year, followed by month, followed by date in the following format: 2024 01 24, whereby the 2024 represents the year, the 01 represents the month and the 24 represents the day of production. We print the same lot number on the bags(include hour and minute), in a slightly different format. The year, month and date format remain the same, but the bag lot appears as follows: 2024-01-24-13-00. (the 13 represents the hour and the 00 represents the minute).

If you have any questions, please feel free to contact me as provide below.

Sincerely,

Even Wang

Sales Representative

Formosa Plastics Corporation



FORMOSA PLASTICS CORPORATION

201, Tung-Hwa N. Road, Taipei, Taiwan.

TEL : (02)27122211

PFAS, PFOS, PFOA STATEMENT

To whom it may concern:

Per- and Polyfluoroalkyl Substances (PFAS), Perfluorooctanoic Acid (PFOA), Perfluorooctanesulfonic Acid (PFOS) are not present in our products "Caustic Soda Micropearls", nor are they used in the formulation or manufacture of our products.

Dated : 2023/06/15

Formosa Plastics Corporation

Ren-Wu Chloralkali Plant

C. Y. Lai

QC Advanced Engineer



Non-organic Ingredient and Processing Aid Declaration (NOID)

Electronic version available at www.tilth.org.

Directions: The manufacturer or legal designee of the specified material should complete this form to confirm compliance for use in certified organic production.

=> Include the current label and a complete list of ingredients and their function.

[] No product label exists. Instead, I have included all available product or marketing information.

A. Full Product/Material Name: Caustic Soda MicroPearl
Manufacturer/ Business Name of Legal Designee: Formosa Plastics Corporation
Address: No. 100, Shuiguan Rd., Renwu Dist., Kaohsiung City 814, Taiwan

B. The product listed above conforms to the following criteria:

Table with 3 columns: True, False, N/A. Rows 1-3 describing criteria for genetically modified organisms, irradiation, and sewage sludge.

C. Mark the following responses based on whether the material listed above contains one or more of the following ingredients or processing aids (excluding ancillary substances).

Table with 4 columns: True, False, NOT USED. Rows listing various ingredients like Activated Charcoal, Cellulose, Citric Acid, Enzymes, Gellan Gum, etc.



Non-organic Ingredient and Processing Aid Declaration (NOID)

Electronic version available at www.tilth.org.

D. MANUFACTURER SIGNATURE

Oregon Tilth recognizes and permits the use of electronic signatures in the conduct of its business. By checking the box below, you willingly consent to the use of electronic signatures in the conduct of your business with Oregon Tilth. [X] AGREE

By signing below, I am confirming that the above information is true and am agreeing to the following:

- Oregon Tilth will not be referenced on any of product labels or marketing information.
• Certified organic claims or approvals will not be shared with other parties.
• Oregon Tilth and customers will be immediately notified of any changes to the manufacturing or labeling of this product.

Chiang Yang Lai/Advanced Engineer

gracelai@fpc.com.tw

Name and Title of Manufacturer's Representative's (please print)

Phone number and email

C.Y. Lai

2023/02/14

Authorized Signature of Manufacturer's Representative

Date

E. PRODUCT INGREDIENT TABLE:

Provide in the table below a list of ALL ingredients in your product, unless provided separately in an attached document. Please review the relevant definitions following the table.

Table with 5 columns: Ingredient Name, Chemical Name (and CAS #, if applicable), Active or Ancillary Ingredient, Function or Technical Effect (e.g., nutrient, carrier, pH adjuster), Synthetic? Y/N. Rows include Sodium hydroxide, Sodium carbonate, Sodium chloride, Sodium sulphate, Iron, and Water.

Non-synthetic (natural). A substance that is derived from mineral, plant, or animal matter; does not undergo a synthetic process as defined in section 6502(21) of the Act (7 U.S.C. 6502(21)).

Synthetic. A substance that is formulated or manufactured by a chemical process or by a process that chemically changes a substance extracted from naturally occurring plant, animal, or mineral sources; ...shall not apply to substances created by naturally occurring biological process.

Excluded Methods: A variety of methods used to genetically modify organisms or influence their growth and development by means that are not possible under natural conditions or processes and are not considered compatible with organic production. See complete NOP definition for and list of excluded methods techniques at §205.2. Note that products meeting EU non-GMO requirements may not be equivalent to NOP Excluded Methods requirements per §205.105 and §205.2

Ancillary Ingredients: Incidental additives that are present in a food at insignificant levels and do not have a technical or functional effect in that food. Substances that have no technical or functional effect but are present in a food by reason of having been incorporated into the food as an ingredient of another food, in which the substance did have a functional or technical effect. Also referred to as "incidental additives" defined by FDA at 21 CFR 101.100(a)(3) or casually references as 'other ingredients.'

NITROSAMINE FORMER STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product not contain any raw materials comprising of nitrogen or is not a nitrogen-containing raw material. Therefore, it is not capable of forming nitrosamines.

11738-02 CAUSTIC SODA BEADS - CONNECTION CHEM



TILLEY
DISTRIBUTION

Issue Date: October 3, 2024
Page: 1 of 1

Revision Date: August 8, 2024
Revision #: 0

MYCOTOXIN STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is not susceptible to any mycotoxin hazards. Oil soluble chemicals, due to their fundamental properties and very low water activity (<0.8), are incapable of supporting biological growth.

11738-02 CAUSTIC SODA BEADS - CONNECTION CHEM



TILLEY
DISTRIBUTION

Issue Date: October 3, 2024
Page: 1 of 1

Revision Date: July 15, 2024
Revision #: 0

PESTICIDE STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is not derived from agricultural products and therefore, does not contain pesticide residues.

11738-02 CAUSTIC SODA BEADS - CONNECTION CHEM



TILLEY
DISTRIBUTION

Issue Date: October 3, 2024
Page: 1 of 1

Revision Date: July 11, 2024
Revision #: 0

WORLD ANTI-DOPING AGENCY STATEMENT

Tilley Distribution certifies to the best of our knowledge that this product does not contain any ingredients on the World Anti-Doping Agency (WADA) list of prohibited substances, NFL/NFLPA Banned Substances List or Annex A of NSF306 – Certification Guidelines for Athletic Banned Substances.

Additionally, the manufacturing plant/warehouse does not use or store any materials on the WADA list of prohibited substances; NFL/NFLPA banned Substances List or Annex A of NSF306-Certification Guidelines for Athletic Banned Substances.

11738-02 CAUSTIC SODA BEADS - CONNECTION CHEM



TILLEY
DISTRIBUTION

Issue Date: October 3, 2024
Page: 1 of 1

Revision Date: August 6, 2024
Revision #: 0

CONTINUING GUARANTEE STATEMENT

UNITED STATES FOOD, DRUG AND COSMETIC ACT SECTION 404 AND 505

Tilley Distribution guarantees each shipment or other delivery of the substance listed below, hereafter made by the undersigned to you, or on your order, or to or on the order of any subsidiary or affiliated company of yours, as of the date of each shipment or delivery to be, on such date, not adulterated or misbranded within the meaning of the Federal Food, Drug and Cosmetic Act, and not an article which may not, under the provisions of Section 404 or 505 of the Act, be introduced into interstate commerce and to be not adulterated or misbranded within the meaning of the statutes of any state of the United States in which the definitions of adulteration and misbranding are substantially the same as set forth under the Federal Act. This guarantee applies only to the following articles you purchase or may receive for evaluation.

11738-02 CAUSTIC SODA BEADS - CONNECTION CHEM

Tilley Distribution further agrees that the above guarantee shall apply to all shipments or other deliveries of these articles to you hereafter until revoked in writing or until three (3) years from the date hereof, whichever first occurs.

Issue Date: October 3, 2024
Page: 1 of 1

Revision Date: July 1, 2024
Revision #: 0

CALIFORNIA PROPOSITION 65 STATEMENT
SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

Tilley Distribution certifies to the best of our knowledge that the following product does not contain any components listed on California Proposition 65.

11738-02 CAUSTIC SODA BEADS - CONNECTION CHEM



TILLEY
DISTRIBUTION

Issue Date: October 3, 2024
Page: 1 of 1

Revision Date: July 1, 2024
Revision #: 0

GLOBAL FOOD ALLERGEN STATEMENT

Tilley Distribution certifies to the best of our knowledge that this product contains the following allergic or sensitizing components as indicated on the chart below. It is also indicated if the named ingredient is produced on shared equipment with other allergens or sensitizers.

11738-02 CAUSTIC SODA BEADS - CONNECTION CHEM

Allergic Food Source or it's Derivative	Does this Ingredient Contain any Foods Listed in Column 1	Provide the Specific Food Source (Ex. Soy, lecithin, peanut extract, fish gelatin, etc.)	Is this Ingredient on Shared Equipment with other Products Containing Foods from Column 1	Is this Ingredient Manufactured in a Facility with other Products Containing Foods from Column 1
	Yes / No	Common or Unusual Name	Yes / No	Yes / No
Crustaceans, shellfish and products thereof	NO		NO	NO
Eggs and products thereof	NO		NO	NO
Fish and products thereof	NO		NO	NO
Milk and products thereof	NO		NO	NO
Peanuts and products thereof	NO		NO	NO
Soybeans and products thereof	NO		NO	NO
Tree nuts and products thereof (including Coconut)	NO		NO	NO

Issue Date: **October 3, 2024**
 Page: **1 of 2**

Revision Date: **September 30, 2024**
 Revision #: **1**

Wheat and products thereof ¹	NO		NO	NO
Cereals containing gluten and products thereof	NO		NO	NO
Buckwheat and products thereof	NO		NO	NO
Celery and products thereof	NO		NO	NO
Lupin and products thereof	NO		NO	NO
Mollusks and products thereof	NO		NO	NO
Mustard and products thereof	NO		NO	NO
Sesame seeds and products thereof	NO		NO	NO
Sulfur dioxide and sulfites at concentrations of more than 10ppm expressed as SO ₂	NO		NO	NO
Bee Pollen/Propolis and products thereof	NO		NO	NO
Royal Jelly and products thereof	NO		NO	NO
Peach and products thereof	NO		NO	NO
Tomato and products thereof	NO		NO	NO
Pork and products thereof	NO		NO	NO
Beef and products thereof	NO		NO	NO
Chicken and products thereof	NO		NO	NO
Squid and products thereof	NO		NO	NO
Mango and products thereof	NO		NO	NO

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Formosa Plastics Corporation
201 Formosa Drive
Point Comfort
Texas
77978
USA

Holds Certificate No:

FM 31429

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

The manufacture of PVC resin and PVC compound powder and VCM, Chlorine, Ethylene Dichloride (EDC), Hydrogen, Hydrochloric Acid (HCl), Sodium Chloride (Brine), Sodium Hydroxide (Caustic Soda), Sodium Hypochlorite (Bleach). mono-, di-, and triethylene glycol and air separation products (ASP), ethylene, propylene and other by-products, Crude butadiene (C4 Mix) Pyrolysis gasoline (Pygas), high density polyethylene resin, and high density polyethylene powder; polypropylene, polypropylene in pellet form and linear low density polyethylene and Specialty PVC production, Lolita Packaging, LDPE, Olefins 3, HDPE3, UT 3 and EG2/ASP2/CFB. Services provided include: power/steam generation, water purification and waste water treatment, design and development, receiving, storing and distribution of raw materials, supplies, calibration and maintenance of analyzers and other instruments.

For and on behalf of BSI:



Carlos Pitanga, Managing Director Assurance, Americas

Original Registration Date: 1995-05-11

Effective Date: 2022-02-16

Latest Revision Date: 2022-11-09

Expiry Date: 2025-02-15

Page: 1 of 1



...making excellence a habit.™

社團法人台灣清真產業品質保證推廣協會

TAIWAN HALAL INTEGRITY DEVELOPMENT ASSOCIATION



HALAL CERTIFICATE

Certificate Number: CP85101120724

This is to certify that the products listed below have been certified to be in compliance with the Halal requirements according to Islamic Law.

Products Certified (Total 5 Items): 〈認證產品共計五項〉

1. 45% SODIUM HYDROXIDE SOLUTION (Tanker) 〈45% 氫氧化鈉溶液 〈槽車〉〉
2. 49.5% SODIUM HYDROXIDE SOLUTION (Tanker) 〈49.5% 氫氧化鈉溶液 〈槽車〉〉
3. SODIUM HYDROXIDE (CAUSTIC SODA (FLAKE)) (25Kg/Bag)
〈氫氧化鈉 〈片碱〉 〈25Kg/袋〉〉
4. SODIUM HYDROXIDE (CAUSTIC SODA (MICROPEARLS)) (25Kg/Bag, 50LBS/Bag)
〈氫氧化鈉 〈微粒碱〉 〈25Kg/袋、50LBS/袋〉〉
5. 32% HYDROCHLORIC ACID (Tanker) 〈32% 鹽酸 〈槽車〉〉

Producer: Formosa Plastics Corporation 〈台灣塑膠工業股份有限公司〉

Head Office & Factory: No. 100, Shuiguan Rd., Renwu Dist., Kaohsiung City 814241, Taiwan

(R.O.C.)

Aabideen Wang
Imam, Taipei Cultural Mosque
Issued on: July 16, 2024

Salahudin Ma Chao-Yen
Vice President, THIDA
Valid till: July 15, 2026



✉ 3rd Fl., No. 3, Lane 25, Sec. 1, Xinhai Road, Taipei, Taiwan 100032

☎: 886-2-2367-5231; ☎: 886-2-2365-2094 ✉: thida.info@gmail.com





Kashruth Council of Canada

LETTER OF CERTIFICATION

The following products manufactured by the company named below are certified kosher with the indicated status and certification requirements.

Formosa Plastics Corporation

No.100, Shuiguan Rd., Renwu Dist.
Kaohsiung City 814538
Taiwan(R.O.C.)

PRODUCT	STATUS	REQUIRES	UKD ID
Caustic Soda Flake	Pareve	COR 573	COR794611
Caustic Soda Micropearls	Pareve	COR 573	COR832941
Liquid Sodium Hydroxide (50%)	Pareve	COR 573	COR959034

Expires: January 31 2025

RABBI DOVID ROSEN
KASHRUS ADMINISTRATOR

NOTE:

Unauthorized use of the COR symbol is a violation of applicable food labeling statutes and copyright law.

Letter # 233047262
January 18, 2024