

SUBJECT 10

Re: Fruit Juice Powders or Crystals; Juice, fruit or vegetable, including Juice Concentrates, Juice Beverages or Juice Drinks; or Preparations, beverage, NOI — Items 73360, 73570 and 74490

Contact: Larissa A. Franklin Telephone — (703) 838-1824 franklin@nmfta.org

Proponent: Freight Classification Development Council

Present Classification Provisions

Item	Description	Class
	FOODSTUFFS GROUP: subject to item 72000	
73260*	Foodstuffs , other than frozen, Group IV, viz.: Foodstuffs , NOI; [Other Articles Listed—Not Involved.] In bags, boxes, drums or Packages 128, 223, 510, 1000, 1400, 1500, 2093, 2231, 2404, 2414, 2416, 2421, 2425, 2463, 2498, 2499, 2500 or 2507, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2.....	300
Sub 3	2 but less than 4.....	250
Sub 4	4 but less than 6.....	175
Sub 5	6 but less than 8.....	125
Sub 6	8 but less than 10.....	100
Sub 7	10 but less than 12.....	92.5
Sub 8	12 but less than 15.....	85
Sub 9	15 but less than 22.5.....	70
Sub 10	22.5 but less than 30.....	65
Sub 11	30 or greater.....	60
73261	NOTE—Not Involved.	
73262	NOTE—Not Involved.	
73360	Fruit Juice Powders or Crystals , see Note, item 73362, in boxes or drums	70
73362	NOTE—Also applies on those powders or crystals which have been prepared by dehydration or drying in conjunction with extreme freezing temperatures.	
73570	Juice , fruit or vegetable, including Juice Concentrates, Juice Beverages or Juice Drinks; or Cider , fruit, including Cider Concentrates , nonalcoholic; in boxes, drums, pails or Packages 1000, 1264, 1500, 2288, 2400, 2437, 2438, 2463, 2467, 2498, 2499, 2500 or 2515	60

*Published in Supplement 1 to NMF 100-AW, effective April 8, 2023.

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Present Classification Provisions — Concluded

Item	Description	Class
	FOODSTUFFS GROUP: subject to item 72000	
74490	Preparations , beverage, NOI, dry or liquid, other than straws containing beverage preparations, see Note, item 74491, in boxes, drums or Packages 1000, 2257, 2288, 2330, 2402 or 2438:	
Sub 1	Sweetened, other than with sugar.....	70
Sub 2	Unsweetened; or sweetened with sugar.....	60
74491	NOTE—Also applies on those products which have been prepared by dehydration or drying in conjunction with extreme temperatures.	

Package 2400

In metal cans in corrugated fiberboard boxes complying with Item 222 for boxes testing 150 pounds, except gross weight may be increased to not exceed 48 pounds.

Proposed Classification Provisions

Item	Description	Class
	FOODSTUFFS GROUP: subject to item 72000	
73260	Foodstuffs , other than frozen, Group IV, viz.: ⇒ Beverage Preparations , NOI, see Note, item NEW, also in Packages 2330 or 2438; Foodstuffs , NOI; ⇒ Juice , fruit or vegetable, including Juice Concentrates, Juice Beverages, Juice Drinks or Juice Powders or Crystals , see Note, item NEW, also in Packages 2438 or 2467; [Other Articles Listed—No Change.] In bags, boxes, drums or Packages 128, 223, 510, 1000, 1400, 1500, 2093, 2231, 2404, 2414, 2416, 2421, 2425, 2463, 2498, 2499, 2500 or 2507, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2.....	300
Sub 3	2 but less than 4.....	250
Sub 4	4 but less than 6.....	175
Sub 5	6 but less than 8.....	125
Sub 6	8 but less than 10.....	100
Sub 7	10 but less than 12.....	92.5
Sub 8	12 but less than 15.....	85
Sub 9	15 but less than 22.5.....	70
Sub 10	22.5 but less than 30.....	65
Sub 11	30 or greater.....	60
73261	NOTE—No Change.	
73262	NOTE—No Change.	

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Proposed Classification Provisions — Concluded

Item	Description	Class
	FOODSTUFFS GROUP: subject to item 72000	
⇒NEW	NOTE—Also applies on freeze-dehydrated or freeze-dried beverage preparations or juice powders or crystals.	
73360	Fruit Juice Powders or Crystals, etc	⇒Cancel; see item 73260
73362	NOTE—⇒Cancel; see item NEW.	
73570	Juice, fruit or vegetable, including Juice Concentrates, Juice Beverages or Juice Drinks; or Cider, fruit, including Cider Concentrates, nonalcoholic, etc	⇒Cancel; see item 73260
74490	Preparations, beverage, NOI, dry or liquid, other than straws containing beverage preparations, etc	⇒Cancel; see item 73260
74491	NOTE—⇒Cancel; see item NEW.	

Package 2400

⇒Cancel; no further application.

Analysis

Introduction

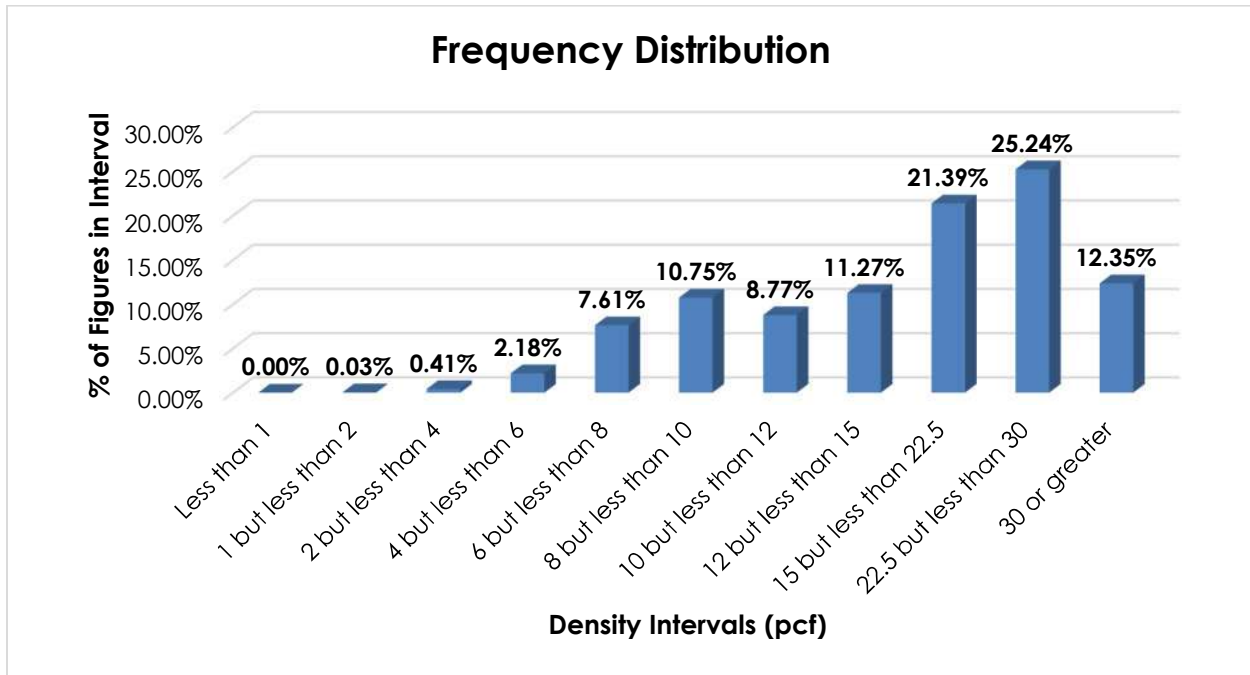
This proposal is based on the information developed through Research Project 1411, which was initiated to review the transportation characteristics of fruit juice powders or crystals, as named in item 73360. During the course of research, the project was expanded to include fruit or vegetable juices and beverage preparations, NOI, as named in items 73570 and 74490, respectively.

Transportation Characteristics

Density—The information of record includes 35,998 density observations obtained from the FCDC’s Density Study¹. The densities range from 1.21 to 67.80 pcf, with an overall average density of 19.33 pcf. As shown in the graph on the following page, the density distribution is left-skewed, but the figures are variably distributed throughout the range.

¹ The Density Study is part of an ongoing effort by the FCDC to collect information on actual shipments across all product categories handled by the LTL industry. Carriers that choose to participate in the Study periodically submit shipment data captured through their respective freight auditing programs. The FCDC uses verifiable data points, identified by NMFC item, that include the weight and the dimensions and/or cube of the shipping unit.

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Handling, Stowability and Liability—As with other food, care must be taken to avoid stowing the involved commodities with hazardous materials or other freight that may pose a contamination risk. They may also be damaged by freight with which stowed or by the elements. However, there have been no reports of unusual or significant handling, stowability or liability issues.

Conclusion

Based on the foregoing analysis, this proposal would cancel items 73360, 73570 and 74490 with reference to the full-scale, density-based provisions of item 73260². Concurrently, the “viz.” listing in item 73260 would be amended to include, “Beverage Preparations, NOI,” and “Juice, fruit or vegetable, including Juice Concentrates, Juice Beverages, Juice Drinks or Juice Powders or Crystals,” in the interest of clarification and simplification.

Notes, items 73362 and 74491 would be canceled with reference to a new Note attendant to item 73260.

The FCDC’s Packaging Manager has reviewed the proposed minimum packaging requirements and determined that they are appropriate for the LTL environment. Additionally, pursuant to the recommendation of the FCDC’s Packaging Manager, Package 2400 would be canceled with no further application.

² Item 73260 provides the FCDC’s standard 11-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.