

EREF

I N T E R O F F I C E   M E M O R A N D U M

Date: 29-Mar-1993 01:19pm EDT  
From: CONNIE DILLON  
DILLON, CONNIE  
Dept: D/5458  
Tel No:

TO: SCHILLING, ROBERT G. ( RGS@ALTC@MRGATE )  
CC: MICHAEL MARSHALL ( MARSHALL, MICHAEL )  
Subject: GEON 83937 WHITE 130 FDA STATUS

BOB,

AT YOUR REQUEST I HAVE REVIEWED THE FORMULATION OF GEON 83937 WHITE 130 TO DETERMINE ITS FDA STATUS. FURTHERMORE, I HAVE REVIEWED THE STATUS OF THE MATERIAL SPECIFIC TO ITS END-USE AS A BOTTLE CAP LINER.

GEON 83937 WHITE 130 IS ACCEPTABLE FOR SINGLE OR REPEATED USE IN INDIRECT FOOD CONTACT APPLICATIONS ONLY WITH HIGH WATER CONTENT FOODS. MORE SPECIFICALLY, THIS PRODUCT WOULD BE ACCEPTABLE FOR USE AS A BOTTLE CAP LINER AND MEET THE REQUIREMENTS OF 21CFR177.1210 FOR SUCH HIGH WATER CONTENT APPLICATIONS.

HOWEVER, THE FINAL FOOD PACKAGE MATERIAL MAY NOT ADD MORE THAN 0.005% BHT TO FOOD.

CONNIE DILLON

BFG16137

21701003

P001R71  
FROM: P103R360 TO:

Bob, 201/337-2036 3/18/93

16:07  
19/93

ROUTE TO: DILLON, CONN  
\*\*\*\*\*  
\*\*\*\*\*

The attached recipe was reviewed  
in light of it's <sup>potential</sup> bottle cap  
liner application. all the  
ingredients look okay.

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\*\*\*\*\*

CUSTOMER NO / DESC:  
R103360

10:16:01

GEON 83937 WHITE 130  
COMMODITY NO.: 83937 0  
SBC NBR: 1311  
LAB REF:  
BASED ON: 83937 W  
APPLICATION: NON-TOXIC BOTTLE CAP LINER

Please review 3/19/93  
CND. Check back w/  
Bern Bunting on  
Mark 495  
(709193)

916

| PARTS     | INGREDIENTS              | SEQ   | LOC | PERCENT |
|-----------|--------------------------|-------|-----|---------|
| 100.00000 | 961 000277 30 GEON RESIN | 110   | 15  | 67.114  |
| 35.00000  | 931 710754 DIOP          | 210   |     | 23.490  |
| 10.00000  | 935 00P031 EPOXY SOYA    | 310   |     | 6.711   |
| 5.00000   | 915 709193 MARK 495      | 410   |     | 3.336   |
| 5.00000   | 919 708584 MARK 329      | 420   |     | 3.336   |
| 1.00000   | 924 709916 TIOXIDE R-FC6 | 510   |     | 0.671   |
| 2.00000   | 943 00L042 ERUCYL AMIDE  | 610   |     | 1.342   |
| 149.00000 |                          | TOTAL |     | 100.000 |

SPECIFIC GRAVITY: 1.25

HARDNESS: A-90  
COLOR: 2

MARKETING APPROVAL: J. BARTZ

\*\*\*\* FOOD GRADE CLEANUP REQUIRED \*\*\*\*

MISC CMNT: CUSTOMER CONFIDENTIAL

See label

277: PVC Resin  
710754: DIOP

181.27 (only high H<sub>2</sub>O content foods)

extremely low lead

1-31: Epoxidized Soybean Oil  
709193: Calcium Stearate, Sper  
Butylated Hydroxytoluene 375193

181.27  
181.24 (20.00% of)

709193: Tri-n-butyl phenyl phosphite 179.2019

709193: Tri-n-butyl phosphite

181.27 179.2019

6-00: Tri-n-butyl phosphite  
13-0000: Tri-n-butyl phosphite  
(13-10 110, 11-3)

NR 137 179.4  
NR 176.180  
NA  
590

BFG16138

21701004

I N T E R O F F I C E   M E M O R A N D U M

Date: 08-Mar-1993 01:11pm EDT  
From: RGS  
RGS@ALTC@MRGATE@CLE  
Dept:  
Tel No:

TO: girouard, jacques@A1  
TO: TULLY, PAT@A1  
TO: DILLON, CONNIE@A1

Subject: FDA STATUS OF GEON 83937-130

(83937 000 1300) out ✓

CONNIE,

GEON 83937 WHITE IS USED IN THE BOTTLE CAP LINER MARKET BY ANCHOR HOCKING AND OWEN ILLINOIS, SIMILAR TO THE GEON 86503 ALCOA RECIPE. WE HAVE RECENTLY TRANSITIONED THIS PRODUCT FROM CUBE TO PELLET AND FROM PEDRICKTOWN TO TERRE PLANT FOR PRODUCTION AND HAS BEEN RUN SUCCESSFULLY AT THE CUSTOMER. DURING THE ABOVE TRANSITION A QUESTION AROSE CONCERNING THE FDA STATUS OF THE RAW MATERIAL. WE HAVE NOT CHANGED THE FORMULATION IN ANY WAY DURING THIS TRANSITION. HOWEVER, REGARDING THE ACTUAL RAW MATERIALS, COULD YOU PLEASE COMMENT REGARDING THE FDA STATUS?

REGARDS,

BOB

*Schilling*

21701005

BFG16139

C617D096  
C617F096

INVENTORY NO / CAS INQUIRY  
GEON PROD

USERID: N50CND1A  
PTERMID: PV120025

INVENTORY NUMBER : 915 / 70 / 9193

| CAS NO.   | CONCT PCT. | DESCRIPTION                     |
|-----------|------------|---------------------------------|
| ZN-CP-D   | 032.0000   | ZINC COMPOUNDS                  |
| CRC-CP-D  | 000.0099   | CHROMIUM (HEXAVALENT) COMPOUNDS |
| 557-05-1  | 032.0000   | OCTADECANOIC ACID, ZINC SALT    |
| 7439-92-1 | 000.0099   | LEAD                            |
| 7439-97-6 | 000.0099   | MERCURY                         |
| 7440-43-9 | 000.0099   | CADMIUM                         |

NEXT RESPONSE: RMCASINQ      NEXT KEY:  
NO MORE CAS NUMBERS TO BE DISPLAYED

21701006

BFG16140