

ADDITIVES GUIDANCE PANEL

The information contained in these minutes is confidential and should only be used within the Company and should not be copied or shown to any persons outside the Company.

The recommendations on flavour materials made by the Panel normally refer to instances in which the substance is considered to be the only additive to the tobacco. The conclusions should not be construed as automatic approval for use in combination with other, approved flavours.

Minutes of the Meeting held at Southampton,
11.30 a.m., 24th June, 1980

PRESENT: Dr. D. G. Felton
Dr. S. R. Evelyn
Dr. R. E. Thornton
Mr. A. D. Ford
Mr. D. E. Lobb
Mr. I. R. Snowden
Mr. T. G. Mitchell

ACTION

Matters arising from the previous Minutes:

- | | | |
|-------|---|-----|
| 78/21 | <u>COLADESI SURC 200 ADHESIVE - BRAZIL</u>

The Panel was unable to recommend the use of Coladesi SURC 200 as a cigarette side-seam adhesive. A modified formulation had been submitted to the Panel and this has now been designated Coladesi 9200.

THE PANEL COULD SEE NO REASON WHY ADHESIVE COLADESI 9200 SHOULD NOT BE USED FOR CIGARETTE SIDE SEAMS. | TGM |
| 79/7 | <u>HAARMANN & REIMER PERUVIAN BALSAM - BRAZIL</u>

In progress. | TGM |
| 79/10 | <u>I.F.F. TOBACCO FLAVOUR BR.214 - BRAZIL</u>

THE PANEL COULD SEE NO REASON WHY I.F.F. TOBACCO FLAVOUR BR.214 SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 5,000 PPM. | TGM |
| 79/14 | <u>AROMATICS INTERNATIONAL VIRGINIA LOW TAR FLAVOUR 23023 (UNIVERSAL FLAVORS 441302) - NEW ZEALAND</u>

THE PANEL COULD SEE NO REASON WHY AROMATICS INTERNATIONAL VIRGINIA LOW TAR FLAVOUR 23023 SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT | TGM |

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ACTION

- 79/16 THE PROPOSED APPLICATION RATE OF 2,000 PPM. TGM
- 79/16 INVERTASE (BAYER) - BRAZIL
- THE PANEL COULD SEE NO REASON WHY INVERTASE (BAYER) SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 99 PPM. TGM
- 79/21 NITROSOBENZENE AS FILTER ADDITIVE - GR&DC
- Following an assessment by GR&DC of the probable daily intake of nitrosobenzene by a smoker as a result of transfer from treated carbon and a BIBRA literature survey of possible toxicological risk, the Panel conclude that there are unlikely to be any adverse short-term effects.
- However, as has already been pointed out by BIBRA, there is a need to know the fate of products formed by reaction with smoke components; moreover, there is an extreme paucity of information on chronic toxicity.
- It is clear, therefore, that before the material is used commercially, it will be necessary to make further biological studies of activity, as recommended by BIBRA, before any view can be advanced on long-term effects.
- In the absence of the further assurance recommended by BIBRA, there are no cogent arguments which could be used to refute allegations of harmfulness which may be advanced by third-parties.
- However, the Panel see no reason why NITROSOBENZENE MAY NOT BE USED AS AN ADDITIVE TO CARBON FILTERS AT A LEVEL OF 5%, FOR TRIAL PURPOSES ONLY TGM
- 79/22 GIVAUDAN AMERICAN BLEND TOBACCO 73183 - GR&DC
- THE PANEL COULD SEE NO REASON WHY GIVAUDAN AMERICAN BLEND TOBACCO 73183 SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 200 PPM. TGM
- 79/23 GIVAUDAN AMERICAN BLEND 63214 - GR&DC
- THE PANEL COULD SEE NO REASON WHY GIVAUDAN AMERICAN BLEND 63214 SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 60 PPM. TGM
- 79/32 PDL TOBACCO FLAVOUR 8474 - GR&DC
- In progress. TGM
- 79/33 PDL TOBACCO FLAVOUR 8475 - GR&DC
- In progress. TGM

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New Items:

79/34 HAARMANN & REIMER STYRAX - BRAZIL

THE PANEL COULD SEE NO REASON WHY HAARMANN & REIMER STYRAX SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 6.7 PPM. TGM

79/35 HAARMANN & REIMER PRUNE 11958 - BRAZIL

THE PANEL COULD SEE NO REASON WHY HAARMANN & REIMER PRUNE 11958 SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 20 PPM. TGM

80/1 FELTON SABOR TONKA 646 - COSTA RICA

A component of this flavour, as originally disclosed, was considered undesirable for use as a tobacco additive. The manufacturer submitted a formulation identified as Felton Sabor Tonka 646 Mod., eliminating this component.

THE PANEL COULD SEE NO REASON WHY FELTON SABOR TONKA 646 MOD. SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 500 PPM. TGM

80/2 MCDONALD ARTIFICIAL RUM FLAVOUR DPI - GR&DC

THE PANEL COULD SEE NO REASON WHY MCDONALD ARTIFICIAL RUM FLAVOUR DPI SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 120 PPM. TGM

80/3 KABAT (METHOPRENE) EX ZOECON- LEAF DEPARTMENT, MILLBANK

THE PANEL COULD SEE NO REASON WHY KABAT (METHOPRENE) EX ZOECON SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO FOR THE CONTROL OF INFESTATION AT THE PROPOSED APPLICATION RATE OF 10 PPM IRS

80/4 PDL TOBACCO FLAVOUR 8305 - GR&DC

THE PANEL COULD SEE NO REASON WHY PDL TOBACCO FLAVOUR 8305 SHOULD NOT BE USED AS AN ADDITIVE TO TOBACCO AT THE PROPOSED APPLICATION RATE OF 10,000 PPM. TGM

80/5 NATIONAL ADHESIVE 68-4108 (SIDE-SEAMS) - CANADA

THE PANEL COULD SEE NO REASON WHY NATIONAL ADHESIVE 68-4108 SHOULD NOT BE USED FOR CIGARETTE SIDE SEAMS. TGM

80/6 SWIFT'S ADHESIVE C710/31 - GR&DC

THE PANEL COULD SEE NO REASON WHY SWIFT'S ADHESIVE C710/31 SHOULD NOT BE USED FOR

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		<u>ACTION</u>
	CIGARETTE SIDE SEAMS.	TGM
80/7	<u>SWIFT'S ADHESIVE C821/7AX - GR&DC</u>	
	THE PANEL COULD SEE NO REASON WHY SWIFT'S ADHESIVE C821/7AX SHOULD NOT BE USED FOR CIGARETTE SIDE SEAMS.	TGM
80/8	<u>SOUZA CRUZ FLAVOUR FMA 183-TC - BRAZIL</u>	
	In progress.	TGM
80/9	<u>HENKEL CHEMICALS TRIACETIN CONTAINING DIGLYCEROL TETRA ACETATE - GR&DC</u>	
	THE PANEL COULD SEE NO REASON WHY TRIACETIN CONTAINING UP TO 2% DIGLYCEROL TETRA ACETATE SHOULD NOT BE USED AS A FILTER PLASTICIZER.	TGM
80/10	<u>UNITED SCANDIA INTERNATIONAL FLAVOUR PU 37 - NEW ZEALAND</u>	
	In progress.	TGM
80/11	<u>METHYLENE BLUE IN CIGARETTE PAPER - INDIA</u>	
	In progress.	TGM
80/12	<u>TRIMETHYL FORMYL CYCLOHEXADIENE (DEHYDRO β CYCLOCITRAL) - INDIA</u>	
	THE PANEL COULD SEE NO REASON WHY DEHYDRO β CYCLOCITRAL SHOULD NOT BE USED AS AN ADDITIVE TO CHEWING TOBACCO AT AN APPLICATION RATE UP TO 10 PPM.	TGM
80/13	<u>NATIONAL ADHESIVES' REVISED INGREDIENTS LIST - GR&DC</u>	
	In progress.	TGM
80/14	<u>SOUZA CRUZ STARCH ADHESIVE - BRAZIL</u>	
	THE PANEL COULD SEE NO REASON WHY SOUZA CRUZ STARCH ADHESIVE SHOULD NOT BE USED FOR CIGARETTE SIDE SEAMS.	TGM
80/15	<u>SWIFT'S ADHESIVE C702/24 - MACHINERY SERVICES, MILLBANK</u>	
	THE PANEL COULD SEE NO REASON WHY SWIFT'S ADHESIVE C702 SHOULD NOT BE USED FOR FILTER TIPPING APPLICATIONS.	TGM
80/16	<u>H.B. FULLER ADHESIVES FORMULATION LIST - GR&DC</u>	
	In progress.	TGM
80/17	<u>FULLER'S ADHESIVE LUNABOND C7519 - MACHINERY SERVICES, MILLBANK</u>	
	In progress.	TGM

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- 80/18 FULLER'S ADHESIVE LUNATAK C5731 - MACHINERY SERVICES, MILLBANK
Fuller's have advised that this adhesive has been superseded by C5830 which has been examined as AGP Minute 80/23.
- 80/19 HENKEL ADHESIVE A7630 - MACHINERY SERVICES, MILLBANK
THE PANEL COULD SEE NO REASON WHY HENKEL ADHESIVE A7630 SHOULD NOT BE USED FOR FILTER TIPPING APPLICATIONS. ADF
- 80/20 HENKEL ADHESIVE Q2266Z - MACHINERY SERVICES, MILLBANK
THE PANEL COULD SEE NO REASON WHY HENKEL ADHESIVE Q2266Z SHOULD NOT BE USED FOR FILTER TIPPING APPLICATIONS. ADF
- 80/21 ISAR-RAKOLL ADHESIVE IPATHERM WS 1061 - MACHINERY SERVICES, MILLBANK
THE PANEL COULD SEE NO REASON WHY ISAR-RAKOLL ADHESIVE IPATHERM WS 1061 SHOULD NOT BE USED FOR FILTER TIPPING APPLICATIONS ADF
- 80/22 TURMERLEIM ADHESIVE SK1097 - MACHINERY SERVICES, MILLBANK
In progress TGM
- 80/23 FULLER'S ADHESIVE LUNATAK C5830 - MACHINERY SERVICES, MILLBANK
THE PANEL COULD SEE NO REASON WHY FULLER'S ADHESIVE LUNATAK C5830 SHOULD NOT BE USED FOR FILTER TIPPING APPLICATIONS ADF
- 80/24 HENKEL ADHESIVE A-162 - BRAZIL
THE PANEL COULD SEE NO REASON WHY HENKEL ADHESIVE A-162 SHOULD NOT BE USED FOR CIGARETTE SIDE SEAMS. TGM
- 80/25 NATIONAL ADHESIVE 334/2950 - BAT(UK&E)
In progress. TGM
- 80/26 HERTZ TOP FLAVOUR 14060 - COSTA RICA
In progress. TGM
- 80/27 HENKEL (INDONESIA) ADHESIVE A.2100 - INDONESIA
In progress. TGM
- 80/28 HERCULES AQUALON MODIFIED COTTON LINTERS - CANADA
THE PANEL COULD SEE NO REASON WHY HERCULES

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ACTION

'AQUALON' GRADE C OR R SHOULD NOT BE USED AS AN ADDITIVE TO RECONSTITUTED TOBACCO SHEET, AT A LEVEL UP TO 5% BY WEIGHT OF SHEET, WITH OR WITHOUT THE ADDITION OF UP TO 8% BY WEIGHT OF MONOAMMONIUM PHOSPHATE TO THE COTTON LINTERS.

This is subject to confirmation that the grades of Aqualon do not contain optical brighteners or wet strength agents.

TGM

80/29 HERCULES GUARGUM GRADES FG 30-70, FG 60-50 - CANADA

THE PANEL COULD SEE NO REASON WHY GUARGUM GRADES FG 30-70 AND FG 60-50 SHOULD NOT BE USED AS ADDITIVES TO RECONSTITUTED TOBACCO SHEET PROVIDED THAT THE LEVEL OF GUARGUM DOES NOT EXCEED 1.1% IN THE FINAL PRODUCT

TGM

80/30 HERCULES CHEMICAL COTTON - CANADA

THE PANEL COULD SEE NO REASON WHY HERCULES CHEMICAL COTTON GRADE PS 00 OR PS 11 SHOULD NOT BE USED AS AN ADDITIVE TO RECONSTITUTED TOBACCO SHEET, AT A LEVEL UP TO 5% BY WEIGHT OF SHEET, WITH OR WITHOUT THE ADDITION OF UP TO 8% BY WEIGHT OF MONOAMMONIUM PHOSPHATE TO THE CHEMICAL COTTON.

This is subject to confirmation that the grades of Chemical Cotton do not contain optical brighteners or wet strength agents.

TGM

80/31 BROWN'S SOLKA FLOC FIBROUS CELLULOSE - CANADA

THE PANEL COULD SEE NO REASON WHY SOLKA FLOC GRADE SW-40 OR KS-1016 SHOULD NOT BE USED AS AN ADDITIVE TO RECONSTITUTED TOBACCO SHEET, AT A LEVEL UP TO 5% BY WEIGHT OF SHEET, WITH OR WITHOUT THE ADDITION OF UP TO 8% BY WEIGHT OF MONOAMMONIUM PHOSPHATE TO THE FIBROUS CELLULOSE.

This is subject to confirmation that the grades of Solka Floc fibrous cellulose do not contain optical brighteners or wet strength agents.

TGM

80/32 INDUSTRIAL ADHESIVES RO 597 - CANADA

In progress.

TGM

80/33 SWIFT'S (USA) ADHESIVE 49001 - PURCHASING DEPARTMENT, MILLBANK

THE PANEL COULD SEE NO REASON WHY SWIFT'S (USA) ADHESIVE 49001 SHOULD NOT BE USED FOR FILTER TIPPING APPLICATIONS.

DEL

80/34 BRILLIANT BLUE C.400, CI 42090 - AUSTRALIA

THE PANEL COULD SEE NO REASON WHY BRILLIANT BLUE SHOULD NOT BE USED AS A DYE FOR THE 'T' SECTION OF DUAL FILTERS AT A LEVEL OF 39 PPM ON THE FILTER ROD.

ADF

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ACTION

- 80/35 UNION CARBIDE ADHESIVE XMS-600 - INDONESIA
 THE PANEL COULD SEE NO REASON WHY UNION CARBIDE
 ADHESIVE XMS-600 SHOULD NOT BE USED FOR FILTER
 TIPPING APPLICATIONS DEL
- 80/36 NAARDEN PERU SUBSTITUTE 2A-26888 - BRAZIL
 In progress. TGM
- 80/37 NAARDEN COCOA FLAVOURING 2Q-07300 - BRAZIL
 In progress. TGM
- 80/38 NAARDEN KENTUCKY TOP FLAVOUR 2Q-18464 - BRAZIL
 In progress TGM
- 80/39 FIRMENICH TOBACCO 53.451/S (FORMER 303.616/S)-
 BRAZIL
 In progress. TGM
- 80/40 FIRMENICH TOBACCO VIRGINIA 53.415 - BRAZIL
 In progress. TGM
- 80/41 FIRMENICH COCOA 53.441 - BRAZIL
 In progress. TGM
- 80/42 HENKEL ADHESIVE Q 2284 - BAT(UK&E)
 THE PANEL COULD SEE NO REASON WHY HENKEL ADHESIVE
 Q 2284 SHOULD NOT BE USED FOR FILTER TIPPING
 APPLICATIONS. DEL
- 80/43 HENKEL ADHESIVE Q 2267 - BAT(UK&E)
 THE PANEL COULD SEE NO REASON WHY HENKEL ADHESIVE
 Q 2267 SHOULD NOT BE USED FOR FILTER TIPPING
 APPLICATIONS. DEL
- 80/44 TWEENS (POLYSORBATES) AS COMPONENTS OF TOBACCO
 ADDITIVES

Tweens are widely used as emulsifying, solubili-
 sing and wetting agents for a variety of appli-
 cations including the preparation of flavour
 materials. The AGP has sought to discourage their
 use in products for addition to tobacco.

Recent evidence of a potentially dangerous con-
 taminant in food-grade Tweens gives further reason
 for recommending that the use of these substances
 in additives to tobacco should be discouraged



CHAIRMAN

100214951

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RECEIVED
DATE: - 2 JUL 1980
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