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STATUTORY RULES OF NORTHERN IRELAND

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**1996 No. 580**

**FOOD**

**Plastic Materials and Articles in Contact with Food  
(Amendment No. 2) Regulations (Northern Ireland) 1996**

*Made - - - - 11th December 1996*

*Coming into operation 29th January 1997*

The Department of Health and Social Services for Northern Ireland in exercise of the powers conferred on it by Articles 15(2), 16(1), 25(1)(a) and (3), 26(3), 32 and 47(2) of the Food Safety (Northern Ireland) Order 1991(1) and being a designated Department(2) for the purposes of section 2(2) of the European Communities Act 1972(3) in relation to materials and articles in contact with food or drink or intended for such contact, in exercise of the powers conferred on it by the said section 2(2) and of all other powers enabling it in that behalf, and after consultation in accordance with Article 47(3) of the said Order with such organisations as appear to it to be representative of interests likely to be substantially affected by the Regulations (in so far as the Regulations are made in exercise of the powers conferred by the said Order), hereby makes the following Regulations:—

**Citation, commencement and interpretation**

1.—(1) These Regulations may be cited as the Plastic Materials and Articles in Contact with Food (Amendment No. 2) Regulations (Northern Ireland) 1996 and shall come into operation on 29th January 1997.

(2) In these Regulations “the principal Regulations” means the Plastic Materials and Articles in Contact with Food Regulations (Northern Ireland) 1993(4).

(3) The Interpretation Act (Northern Ireland) 1954(5) shall apply to these Regulations as it applies to a Measure of the Northern Ireland Assembly.

**Amendment of the principal Regulations**

2.—(1) The principal Regulations shall be amended in accordance with paragraphs (2) to (9).

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(1) S.I.1991/762 (N.I. 7) as amended by S.I. 1996/1633 (N.I. 12). See Article 2(2) for the definitions of “the Department concerned” and “regulations”  
(2) S.I. 1976/2141  
(3) 1972 c. 68  
(4) S.R. 1993 No. 173 as amended by S.R. 1995 No. 107 and S.R. 1996 No. 164  
(5) 1954 c. 33 (N.I.)

(2) In regulation 1(2), in the definition of “the Directive”, for “as amended” there shall be substituted “, (as corrected) and as amended by Commission Directives [92/39/EEC](#), [93/9/EEC](#), [95/3/EC](#) and [96/11/EC](#)”(6).

(3) In regulations 4 (monomers)—

(a) in paragraph (1)—

(i) after “the following paragraphs” there shall be inserted “and regulation 13A”,

(ii) in sub-paragraph (a), for “1st January 1997” there shall be substituted “1st January 2002”, and

(iii) in sub-paragraph (b), for “31st December 1996” there shall be substituted “31st December 2001”;

(b) in paragraphs (3), (4), (5) and (6), after “the relevant fraction of” (wherever it occurs) there shall be added “, or section F of,”.

(4) After regulation 13 there shall be inserted—

**“Manufacture until 1st January 1999**

**13A.** Notwithstanding regulation 4(1), until 1st January 1999 a plastic material or article may be manufactured using one or more of the monomers identified by PM/REF No., CAS No. (if any) and name respectively in columns 1, 2 and 3 of Section F of Part I of Schedule 1, if any such monomer is of good technical quality and is used in accordance with the restrictions (if any) specified in the corresponding entry in column 4 thereof”.

(5) The Item number and letter, PM/REF No., CAS No. and name for each monomer identified in Schedule 1 shall be inserted in Section A of Part I of Schedule 1 to the principal Regulations (monomers authorised without time limit) at the place corresponding to the number and letter specified for that monomer in the column headed “Item” in Schedule 1.

(6) The contents of Schedule 2 shall be substituted for Section B of Part I of Schedule 1 to the principal Regulations.

(7) In Section D of Part I of Schedule 1 to the principal Regulations (monomers authorised until 1st April 1996), in Item 16, for “51” and “115” in column 4 (restrictions) there shall be substituted “17” and “58” respectively.

(8) The contents of Schedule 3 shall be inserted after Section E of Part I of Schedule 1 to the principal Regulations.

(9) The Item number and letter, PM/REF No., CAS No. (if any) and name for each additive identified in Schedule 4 shall be inserted in Part I of Schedule 3 to the principal Regulations (additives) at the place corresponding to the number and letter specified for that additive in the column headed “Item” in Schedule 4.

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(6) Corrigendum in O.J. L349, 13.12.90, p. 26; amending Directives in O.J. No. L168, 23.6.92, p. 21, O.J. No. L90, 14.3.93, p. 26, O.J. No. L41, 23.2.95, p. 44 and O.J. No. L61, 12.3.96, p. 26

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**Status:** *This is the original version (as it was originally made). This item of legislation is currently only available in its original format.*

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Sealed with the Official Seal of the Department of Health and Social Services for Northern Ireland on 29th January 1996.

L.S.

*W. B. SMITH*  
Assistant Secretary

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## SCHEDULE 1

Regulation 2(5)

Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
110C.	19460	000050-21-5	Lactic-acid	
111A.	19480	002146-71-6	Lauric acid, vinyl ester	
153A.	23651	025322-69-4	Polypropyleneglycol	

## SCHEDULE 2

Regulation 2(6)

## “SECTION B

*Monomers authorised up to the end of 2001*

Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
1.	15280	000542-02-9	Acetoguanamine	
2.	10599/90A	061788-89-4	Acids, fatty, unsaturated (C18), dimers, distilled	
3.	10599/91	061788-89-4	Acids, fatty, unsaturated (C18), dimers, non-distilled	
4.	10599/92A	068783-41-5	Acids, fatty, unsaturated (C18), dimers, hydrogenated, distilled	
5.	10599/93	068783-41-5	Acids, fatty, unsaturated (C18), dimers, hydrogenated, non-distilled	
6.	11000	050976-02-8	Acrylic acid, dicyclopentadienyl ester	
7.	11245	002156-97-0	Acrylic acid, dodecyl ester	
8.	11500	000103-11-7	Acrylic acid, 2-ethylhexyl ester	

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
9.	11530	000999-61-1	Acrylic acid, 2-hydroxypropyl ester	
10.	12265	004074-90-2	Adipic acid, divinyl ester	
11.	12910	001732-10-1	Azelaic acid, dimethyl ester	
12.	As item 81	000528-44-9	1,2,4-Benzenetricarboxylic acid	
13.	13060	004422-95-1	1,3,5-Benzenetricarboxylic acid trichloride	As item 81
14.	As item 25	000091-76-9	Benzoguanamine	
15.	As item 30	000080-09-1	Bisphenol S	
16.	13720	000110-63-4	Butan-1,4-diol	
17.	13780	002424-79-8	Butan-1,-diol bis(2,3-epoxypropyl) ether	The quantity in the finished plastic material or article of any substance within, or any combination of substances within, items 17 and 58 (and 16 and 20 of Section D) shall not exceed 5 mg/kg (expressed as epoxy)
18.	13810	000505-65-7	Butan-1,4-diol formal	
19.	13932	000598-32-3	But-3-en 2-ol	
20.	14020	000098-54-4	4-tert.-Butylphenol	
21.	14260	000502-44-3	Caprolactone	
22.	As item 101 Section A	000115-28-6	Chlorendic acid	As item 101, Section A
23.	14800	003724-65-0	Crotonic acid	
24.	15130	000872-05-9	Dec-1-ene	

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
25.	15310	000091-76-9	2,4-Diamino-6-phenyl-1,3,5-triazine	
26.	15370	003236-53-1	1,6-Diamino-2,2,4-trimethylhexane	
27.	15400	003236-54-2	1,6-Diamino-2,2,4-trimethylhexane	
28.	15610	000080-07-9	4,4'-Dichlorodiphenyl sulphone	
29.	15730	000077-73-6	Dicyclopentadiene	
30.	16090	000080-09-1	4,4'-Dihydroxydiphenyl sulphone	
31.	16210	006864-37-5	3,3'-Dimethyl-4,4'-diamino-dicyclohexylmethane	
32.	16360	000576-26-1	2,6-Dimethylphenol	
33.	16390	000126-30-7	2,2-Dimethylpropan-1,3-diol	
34.	16450	000646-06-0	1,3-Dioxolane	
35.	16540	000102-09-0	Diphenyl carbonate	
36.	16690	001321-74-0	Divinylbenzene	
37.	16697	000693-23-2	Dodecanedioic acid	
38.	17110	016219-75-3	5-Ethylidenebicyclo-[2.2.1] hept-2-ene	
39.	18220	068564-88-5	N-Heptylaminoundecanoic acid	
40.	18370	000592-45-0	Hexa-1,4-diene	
41.	18441	000085-42-7	Hexahydrophthalic anhydride	
42.	18700	000629-11-8	Hexan-1,6-diol	

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
43.	18820	000592-41-6	Hex-1-ene	
44.	19060	000109-53-5	Isobutyl vinyl ether	
45.	19150	000121-91-5	Isophthalic acid	
46.	19180	000099-63-8	Isophthalic acid dichloride	
47.	As item 62	000078-79-5	Isoprene	
48.	19490	000947-04-6	Lauro lactam	
49.	19570	000999-21-3	Maleic acid, diallyl ester	
50.	19600	000105-76-0	Maleic acid, dibutyl ester	
51.	19990	000079-39-0	Methacrylamide	
52.	20050	000096-05-9	Methacrylic acid, allyl ester	
53.	20260	000101-43-9	Methacrylic, cyclohexyl ester	
54.	20380	001189-08-8	Methacrylic acid, diester with butan-1,3-diol	
55.	20410	002082-81-7	Methacrylic acid, diester with butan-1,4-diol	
56.	20440	000097-90-5	Methacrylic acid, diester with ethyleneglycol	
57.	20530	002867-47-2	Methacrylic acid, 2-(dimethylamino)-ethyl ester	
58.	20590	000106-91-2	Methacrylic acid, 2,3-epoxypropyl ester	As item 17
59.	21370	010595-80-9	Methacrylic acid, 2-sulphoethyl ester	
60.	21400	054276-35-6	Methacrylic acid, sulphopropyl ester	
61.	21520	001561-92-8	Methallylsulphonic acid, sodium salt	The quantity of this substance

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions in the finished plastic material or article shall not exceed 5mg/kg
62.	21640	000078-79-5	2-Methylbut-1,3-diene	
63.	21730	000563-45-1	3-Methylbut-1-ene	
64.	As item 18	000505-65-7	1,4-(Methylene-dioxy) butane	
65.	21970	000923-02-4	N-Methylmethacrylamide	
66.	22210	000098-83-9	<i>alpha</i> -Methylstyrene	
67.	22360	001141-38-4	2, 6-Naphthalene-dicarboxylic acid	
68.	As item 33	000126-30-7	Neopentylglycol	
69.	22428	051000-52-3	Neodecanoic acid, vinyl ester	
70.	13180 (also used for bicyclo [2.2.1] hept-2-ene)	000498-66-8	Norbornene	As item 39, Section C
71.	22720	000140-66-9	4- <i>tert.</i> -Ocytlphenol	
72.	22900	000109-67-1	Pent-1-ene	
73.	22937	001623-05-8	Perfluoropropyl perfluorovinyl; ether	
74.	23770	000504-63-2	Propan-1,3-diol	
75.	23920	000105-38-4	Propionic acid, vinyl ester	
76.	24370	000106-79-6	Sebacic acid, dimethyl ester	
77. 78.	24760 25380	026914-43-2	Styrenesulphonic acid Trialkyl (C5-C15) acetic acid, vinyl ester (=vinyl versatate)	
79.	25390	000101-37-1	Triallyl cyanurate	
80.	25450	026896-48-0	Tricyclodecanedimethanol	
81.	25540	000528-44-9	Trimellitic acid	The quantity of this substance



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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
				alone or together with item 82 in the finished plastic material or article shall not exceed 5 mg/kg.
82.	25550	000552-30-7	Trimellitic anhydride	The quantity of this substance alone or together with item 81 in the finished plastic material or article shall not exceed 5 mg/kg (expressed as trimellitic acid).
83.	25810	015625-89-5	1,1,1-Trimethylolpropane triacrylate	
84.	25840	003290-92-4	1,1,1-Trimethylolpropane trimethacrylate	
85.	25900	000110-88-3	Trioxane	
86.	25480	000102-71-6	Tris (2-hydroxyethyl) amine	
87.	26170	003195-78-6	<i>N</i> -Vinyl- <i>N</i> -Methyl-acetamide	The quantity of this substance in the finished plastic material or article shall not exceed 5 mg/kg
88.	26230	000088-12-0	Vinylpyrrolidone	
89.	22240	000622-97-9	<i>p</i> -Vinyltoluene	
90.	16300	000105-67-9	<i>m</i> -Xylenol	
91.	16270	000526-75-0	<i>o</i> -Xylenol	
92.	16330	000095-87-4	<i>p</i> -Xylenol”	

## SCHEDULE 3

Regulation 2(8)

“ection F

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*Monomers authorised until 1st January 1999*

Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
1.	10160	002206-94-2	alpha-Acetoxy styrene	
2.	10162	010521-96-7	beta-Acetoxy styrene	
3.	10480	—	Acids, aliphatic, monocarboxylic, saturated (C <sub>2</sub> -C <sub>24</sub> )	
4.	10510	—	Acids, aliphatic, monocarboxylic, unsaturated (C <sub>3</sub> -C <sub>24</sub> )	
5.	10599/70	—	Acids, fatty, unsaturated (C <sub>18</sub> )	
6.	10930	003066-71-5	Acrylic acid, cyclohexyl ester	
7.	11050	001070-70-8	Acrylic acid, diester with 1,4-butanediol	
8.	11180	017831-71-9	Acrylic acid, diester with tetraethylglycol	
9.	11195	068901-05-3	Acrylic acid, diester with tripropyleneglycol	
10.	11520	002918-23-2	Acrylic acid, 2-hydroxyisopropyl ester (= acrylic acid, 2-hydroxy-1-methylethyl ester)	
11.	11560	005888-33-5	Acrylic acid, isobornyl ester	
12.	11620	001330-61-6	Acrylic acid, isodecyl ester	
13.	11650	029590-42-9	Acrylic acid, isooctyl ether	
14.	11695	003121-61-7	Acrylic acid, 2-methoxyethyl ester	

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
15.	11740	010095-13-3	Acrylic acid, monoester with 1,3-butanediol	
16.	11770	002478-10-6	Acrylic acid, monoester with 1,4-butanediol	
17.	11800	013533-05-6	Acrylic acid, monoester with diethyleneglycol	
18.	12010	040074-09-7	Acrylic acid, 2- sulphoethyl ester	
19.	12040	039121-78-3	Acrylic acid, sulphopropyl ester	
20.	12055	094160-26-6	Acrylic acid, triester with glycerol tris (2- hydroxypropyl) ether	
21.	12062	075577-70-7	Acrylic acid, triester with 1,1,1- trimethylpropane tris (2- hydroxyethyl) ether	
22.	12160	002998-04-1	Adipic acid, diallyl ester	
23.	12190	000105-97-5	Adipic acid, didecyl ester	
24.	12220	027178-16-1	Adipic acid, diisodecyl ester	
25.	12250	000123-79-5	Adipic acid, dioctyl ester	
26.	12370	—	Alcohols, aliphatic, monohydric, saturated, linear, secondary or tertiary (C <sub>4</sub> -C <sub>22</sub> )	
27.	12610	000107-18-6	Allyl alcohol	
28.	12700	000150-13-0	<i>p</i> -Aminobenzoic acid	

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
29.	12790	000080-46-6	<i>p</i> -tert-Amylphenol	
30.	12850	029602-44-6	Azelaic acid, bis(2-hydroxyethyl) ester	
31.	13328	000104-38-1	Bis(-2 hydroxyethyl) ether of hydroquinone	
32.	13660	000584-03-2	1,2-Butanediol	
33.	13750	000513-85-9	2,3-Butanediol	
34.	13960	001852-16-0	N-(Butoxymethyl)acrylamide	
35.	15020	002182-55-0	Cyclohexyl vinyl ether	
36.	15280	000542-02-9	2,4-Diamino-6-methyl-1,3, 5-triazine	
37.	15340	000109-76-2	1,3-Diaminopropane	
38.	15490	002215-89-6	4,4'-Dicarboxydiphenyl ether	
39.	15580	001653-19-6	2,3-Dichloro-1,3-butadiene	
40.	16270	000526-75-0	2,3-Dimethylphenol	
41.	16300	000105-67-9	2,4-Dimethylphenol	
42.	16330	000095-87-4	2,5-Dimethylphenol	
43.	17040	000149-57-5	2-Ethylhexanoic acid	
44.	17350	000105-75-9	Fumaric acid, dibutyl ester	
45.	18400	000592-42-7	1,5-Hexadiene	
46.	18905	002628-17-3	4-Hydroxystyrene	
47.	18970	000078-83-1	Isobutanol	

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
48.	19030	016669-59-3	<i>N</i> - (Isobutoxymethyl) acrylamide	
49.	19090	000078-84-2	Isobutyraldehyde	
50.	19120	025339-17-7	Isodecanol	
51.	19130	026896-18-4	Isononanoic acid	
52.	19936	007423-42-9	Maleic acid, mono (2- ethylhexyl) ester	
53.	20470	025852-47-5	Methacrylic acid, diester with polyethyleneglycol	
54.	20740	039670-09-2	Methacrylic acid, ester with ethoxytriethylene- glycol	
55.	20950	000923-26-2	Methacrylic acid, 2-hydroxypropyl ester	
56.	21115	000816-74-0	Methacrylic acid, methallyl ester	
57.	21220	032360-05-7	Methacrylic acid, octadecyl ester	
58.	21760	000694-91-7	5- Methylenebicyclo [2.2.1] hept-2-ene	
59.	21837	001116-90-1	4-Methyl-1, 4- hexadiene	The specific migration of this substance shall not be detectable (when measured by a method with a limit of detection of 0.05 mg/kg).
60.	22240	000622-97-9	<i>p</i> -Methylstyrene	
61.	22270	000107-25-5	Methyl vinyl ether	
62.	22540	000104-40-5	4-Nonylphenol	
63.	22585	003710-30-3	1,7-Octadiene	

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Item	1 PM/REF No.	2 CAS No.	3 Name	4 Restrictions
64.	22932	001187-93-5	Perfluoromethyl perfluorovinyl ether	
65.	23530	025190-06-1	Poly(1,4- butyleneglycol) (Molecular weight greater than 1000)	
66.	23650	025322	Polypropyleneglycol (Molecular weight greater than 400)	
67.	24560	000111-63-7	Stearic acid, vinyl ester	
68.	25030	016646-44-9	Tetra (allyloxy) ethane	
69.	25161	000085-43-8	1,2,3,6- Tetrahydrophthalic anhydride	
70.	25300	000088-19-7	<i>o</i> - Toluenesulphonamide	
71.	25480	000102-71-6	Triethanolamine	
72.	26290	025013-15-4	Vinyltoluene	
73.	26320	002768-02-7	Vinyltrimethoxysilane	The quantity of this substance in the finished material or article shall not exceed 5 mg/kg.”

## SCHEDULE 4

Regulation 2(9)

Item	1 PM/REF No.	2 CAS No.	3 Name
12A.	34281	—	Alkyl (C <sub>8</sub> -C <sub>22</sub> ) sulphoric acids, linear, primary, with an even number of carbon atoms
12B.	34475	—	Aluminium calcium hydroxide phosphite, hydrate

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Item	“1 PM/REF No.	2 CAS No.	3 Name
65A.	46380	068855-54-9	Diatomaceous earth, soda ash flux-calcined
74A.	52720	000112-84-5	Erucamide
92A.	55520	—	Glass fibers
92B.	55600	—	Glass microballs
96A.	56486	—	Glycerol, esters with acids, aliphatic, saturated, linear, with an even number of carbon atoms (C <sub>14</sub> -C <sub>18</sub> ) and with acids, aliphatic, unsaturated, linear with an even number of carbon atoms (C <sub>16</sub> -C <sub>18</sub> )
172A.	68960	000301-02-0	Oleamide
199A.	80800	025322-69-4	Polypropyleneglycol
252A.	88960	000124-26-5	Stearamide”

## EXPLANATORY NOTE

*(This note is not part of the Regulations.)*

These Regulations further amend the Plastic Materials and Articles in Contact with Food Regulations (Northern Ireland) 1993 (“the principal Regulations”) and implement Commission Directive [96/11/EC](#) (O.J. No. L61, 12.3.96, p. 26), amending Directive [90/128/EEC](#) (O.J. No. L75, 21.3.90, p. 19, as read with the corrigendum in O.J. No. L349, 13.12.90, p. 26) relating to plastic materials and articles intended to come into contact with foodstuffs.

The Regulations—

- (a) modify the prohibition in regulation 4(1) of the principal Regulations on manufacture of plastic materials and articles before and after specified dates, using monomers other than those specified, by substituting later dates (regulation 2(3)(a)(ii) and (iii));
- (b) permit, until 1st January 1999, the manufacture of plastic materials and articles, using monomers specified in Section F (as inserted by regulation 2(8) and Schedule 3 into Part I of Schedule 1 to the principal Regulations) (regulation 2(4));
- (c) add specified monomers to those monomers authorised without time limit specified in Section A of Part I of Schedule 1 to the principal Regulations (regulation 2(5) and Schedule 1);

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- (d) substitute for the list of monomers in Section B of Part I of Schedule 1 to the principal Regulations (monomers authorised up to the end of 1996) an amended list, omitting certain monomers previously included, those remaining being authorised up to the end of 2001 (regulation 2(6) and Schedule 2);
- (e) add specified additives to those which are specified in Part I of Schedule 3 to the principal Regulations, and which it is prohibited to use, if they are not of good technical quality, in the manufacture of plastic materials and articles (regulation 2(9) and Schedule 4); and
- (f) make consequential amendments to the principal Regulations (regulation 2(2), (3)(a)(i) and (b), and (7)).