1970. No. 346 [C]

WEIGHTS AND MEASURES

Equivalents for dealings with drugs

REGULATIONS, DATED 31ST DECEMBER 1970, MADE BY THE MINISTRY OF HEALTH AND SOCIAL SERVICES UNDER SECTION 4 OF THE WEIGHTS AND MEASURES ACT (NORTHERN IRELAND) 1967.

The Ministry of Health and Social Services, in exercise of the powers conferred on it by Section 4(8) of the Weights and Measures Act (Northern Ireland) 1967(a) and of all other powers enabling it in that behalf, hereby makes the following regulations—

Citation and commencement

1. These regulations may be cited as the Weights and Measures (Equivalents for dealings with drugs) Regulations (Northern Ireland) 1970 and shall come into operation on 1st January 1971.

Interpretation

2.—(1) In these regulations—

"animal" includes any bird, fish or reptile;

"medicated feed supplement" means a dilution of a drug or drugs in a diluent for mixing with animal feeding stuffs;

"ingredient" means a drug which is one constituent of a preparation which is itself a drug;

"mixture" means any liquid preparation intended for administration by mouth which consists of one or more drugs dissolved or suspended in an aqueous or other appropriate vehicle, but does not include an elixir, emulsion, linctus or syrup;

"total quantity" means the total quantity of a drug or of a preparation which is itself a drug other than an ingredient;

"veterinary drug" means a drug ordered, sold or supplied for administration to an animal;

"veterinary prescription" means a prescription for a drug intended for administration to an animal.

(2) In these regulations a reference to a National Formulary shall be a reference to any edition of a formulary issued under the name of the National Formulary, the National War Formulary or the National (War) Formulary or to any edition issued prior to 1968 of the British National Formulary.

Exclusion from the regulations of drugs in animal feeding stuffs

3. These regulations shall not apply to dealings in drugs which are medicated feed supplements or which are contained in animal feeding stuffs.

Equivalents for weights and volumes of ingredients

4.—(1) The provisions of this regulation shall apply subject to the provisions of regulations 6, 7 and 8.

(a) 1967. c. 6 (N.I.).

(2) Any unit of measurement mentioned in column 2 of Tables 1 and 2 of the Schedule shall be treated for the purpose of any dealing with quantities of ingredients as the equivalent of the unit set opposite thereto in column 1 of the relevant Table; and for any fraction of one grain not specifically mentioned in column 1 of the said Table 1, the equivalent for such purpose shall be treated as the corresponding fraction of the equivalent of one grain set out in column 2 of that Table.

(3) 28 millilitres shall be treated for the purpose of any dealing with quantities of ingredients of drugs other than veterinary drugs, and 25 millilitres shall be treated for the purpose of any dealing with quantities of ingredients of veterinary drugs, as the equivalent of any quantity of not less than 451 and not more than 480 minims.

(4) 30 grammes shall be treated as the equivalent of one ounce (avoirdupois or apothecaries'), and 25 millilitres shall be treated as the equivalent of one fluid ounce for the purpose of any dealing with quantities of ingredients of veterinary drugs and where any quantity of such ingredient is expressed in terms of a number of ounces or fluid ounces, the equivalent for that purpose shall be 30 grammes or 25 millilitres, as the case may be, multiplied by that number.

Equivalents for weights and volumes of total quantities

5.—(1) The provisions of this regulation shall apply subject to the provisions of regulations 6, 7 and 8.

(2) Any unit of measurement mentioned in column 2 of Tables 3 and 4 of the Schedule shall be treated for the purpose of any dealing with total quantities of drugs as the equivalent of the unit set opposite thereto in column 1 of the relevant Table.

(3) Where any quantity of drugs, expressed in terms of one or more of the units mentioned in column 1 of Tables 3 and 4 of the Schedule is greater than one pound or one pint, the equivalent for the purpose of any dealing with total quantities of drugs shall be treated as the corresponding multiple of the equivalent of one pound or one pint, as the case may be, specified in column 2 of the relevant Table together with the equivalent so specified of any residue of less than a pound or a pint respectively; and in this paragraph "corresponding multiple" in relation to a quantity of pounds or pints, means the number of times that quantity will divide into units of one pound or one pint, as the case may be.

Equivalents for weights and volumes prescribed by referring to specified monographs

6. Where a prescription for any drug—

(*a*) refers (whether by the use of the monograph name or otherwise) to a monograph in any edition issued prior to 1968 of the British Pharmaceutical Codex or in a National Formulary and such monograph contains a formulation for the drug expressed in imperial units, and

(*b*) a formulation for the drug expressed in metric units is contained in the Compendium of Past Formulae 1933 to 1966 issued by the National Pharmaceutical Union in December 1969,

then, for the purpose of dispensing the prescription, the metric equivalent of those imperial units shall be treated as that set out in that compendium instead of the metric equivalent ascertained in accordance with regulations 4 and 5.

Equivalents for doses of liquids

7.—(1) Except as provided in paragraph (3) where a prescription for any drug states the quantity of each dose in terms of fluid drachms, the equivalent of each fluid drachm shall for the purpose of dispensing the prescription be treated as 5 millilitres.

(2) Except as provided in paragraph (4), where a prescription other than a veterinary prescription is for a drug which is a mixture and—

(*a*) a formulation for such drug with a dose of one half of one fluid ounce is contained in any edition issued prior to 1968 of the British Pharmacopoeia or of the British Pharmaceutical Codex or in a National Formulary; or

(*b*) a formulation for such drug with a dose of 10 millilitres is contained in the edition of the British Pharmacopoeia, the British Pharmaceutical Codex or the British National Formulary current on the date of the making of these regulations or in any subsequent edition thereof or in any compendium prepared under paragraph (a) of sub-section (3) and published under sub-section (6) of section 99 of the Medicines Act 1968; or

(*c*) a formulation for such drug is set out in the prescription,

and such prescription states the quantity of each dose in terms of fluid ounces, then for the purpose of dispensing the prescription the equivalent of each half of a fluid ounce shall be treated as 10 millilitres.

(3) Where a prescription other than a veterinary prescription for any drug which is a mixture, other than a mixture formulated for administration to children, states that the quantity of each dose is to be 2 fluid drachms the equivalent of that quantity for the purpose of dispensing the prescription shall be treated as 10 millilitres;

Provided that if the prescription refers (whether by the use of the monograph name or otherwise) to a monograph in the British Pharmacopoeia, the British Pharmaceutical Codex or the British National Formulary which contains a formulation of the drug with a dose of one half of a fluid ounce or 10 millilitres, and the drug is not prescribed at twice the normal strength, the equivalent of a dose of 2 fluid drachms shall for the purpose of dispensing the prescription be treated as 10 millilitres of the drug at half the normal strength.

(4) Where a prescription other than a veterinary prescription for liquid paraffin or any fixed oil, with or without other ingredients, or for any drug which is a mixture other than a mixture to which paragraph (2) refers, states the quantity of each dose in terms of fluid ounces, the equivalent of each half of a fluid ounce shall for the purpose of dispensing the prescription be treated as 15 millilitres.

(5) Where a veterinary prescription for any drug states the quantity of each dose in terms of fluid ounces, the equivalent of each half of a fluid ounce shall for the purpose of dispensing the prescription be treated as 15 millilitres.

Equivalents for total quantities in respect of prescriptions stating dose quantities

8.—(1) Where a prescription other than a veterinary prescription is a prescription such as is described in regulation 7(1) or differs from a prescription so described only in that it states the quantity of each dose in terms of millilitres instead of in terms of drachms and such prescription is for a total

quantity expressed as a number of fluid ounces mentioned in column 1 of Table 5 of the Schedule, the equivalent of that total quantity shall for the purpose of dispensing the prescription be treated as the quantity set opposite thereto in column 2 of that Table.

(2) Where a prescription is a prescription such as is described in regulation 7(2) or differs from a prescription so described only in that it states the quantity of each dose in terms of millilitres instead of in terms of fluid ounces, and such prescription is for a total quantity expressed as a number of fluid ounces mentioned in column 1 of Table 6 of the Schedule, the equivalent of that total quantity shall for the purpose of dispensing the prescription be treated as the quantity set opposite thereto in column 2 of that Table.

(3) Where a prescription to which regulation 7(3) refers is for a total quantity expressed as a number of fluid ounces mentioned in column 1 of Table 7 of the Schedule, the equivalent of that total quantity shall for the purpose of dispensing the prescription be treated as the quantity set opposite thereto in column 2 of that Table.

(4) Where a prescription to which regulation 7(1) or 7(3) refers is for a total quantity greater than 12 fluid ounces, the equivalent of the total quantity shall for the purpose of dispensing the prescription be treated as the corresponding multiple of the equivalent of 12 fluid ounces specified in column 2 of Table 5 or 7 of the Schedule, as the case may be, together with the equivalent specified in the relevant Table of any residue of less than 12 fluid ounces.

(5) Where a prescription to which regulation 7(2) refers is for a total quantity greater than 24 fluid ounces, the equivalent of the total quantity shall for the purpose of dispensing the prescription be treated as the corresponding multiple of the equivalent of 24 fluid ounces specified in column 2 of Table 6 of the Schedule together with the equivalent specified in that Table of any residue of less than 24 fluid ounces.

(6) In this regulation "corresponding multiple," in relation to a quantity of fluid ounces, means the number of times that quantity will divide by 12 or 24 as the case may be.

(7) Where any prescription to which regulation 7 refers specifies quantities of ingredients of any drug in the total quantity to be dispensed, these regulations shall be treated as applying to the quantity of each such ingredient in each dose.

Control of sale and supply

9.—(1) Except as provided in paragraph (2), where any manufacturer, wholesale dealer or retail dealer sells or supplies any drug he shall, if the order or prescription relating to such dealing is for an ingredient or total quantity expressed in terms of a number of units of measurement for which an equivalent quantity may be ascertained in accordance with regulations 4 and 5, carry out such dealing in terms of the equivalent quantity so ascertained.

(2) Where any manufacturer, wholesale dealer or retail dealer sells or supplies any drug—

(*a*) if the prescription relating to such dealing is a prescription such as is mentioned in regulation 6 which refers in the manner therein specified to a formulation of a drug expressed in terms of imperial units he shall carry out such dealing in terms of the metric equivalent for such imperial units ascertained in accordance with that regulation; or

(*b*) if the prescription relating to such dealing is a prescription to which regulation 7(1), 7(2) or 7(3) refers and—

(i) is for a total quantity expressed in terms of a unit of measurement specified in column 1 of Tables 5, 6 or 7 of the Schedule, or

(ii) being a prescription to which regulation 7(1) or 7(3) refers, is for a total quantity greater than 12 fluid ounces, or

(iii) being a prescription to which regulation 7(2) refers, is for a total quantity greater than 24 fluid ounces,

he shall carry out such dealing in terms of the equivalent quantity ascertained in accordance with regulations 7 and 8; or

(*c*) if the prescription relating to such dealing is a prescription to which regulation 7(4) or 7(5) refers and is for a total quantity expressed in terms of a unit of measurement specified in column 1 of Table 4 of the Schedule or is for a total quantity greater than 1 pint he shall carry out such dealing in terms of the equivalent quantity ascertained in accordance with regulations 7 and 5.

Revocation

10. The Weights and Measures (Equivalents for dealings with drugs) Regulations (Northern Ireland) 1969(**b**) are hereby revoked.

Sealed with the Official Seal of the Ministry of Health and Social Services for Northern Ireland this 31st day of December 1970.

(L.S.)

S. E. Taylor,
Assistant Secretary.

(**b**) S.R. & O. (N.I.) 1969, No. 72.

SCHEDULE

TABLE 1

Weight of ingredients

Column 1 *grains*	Column 2 *milligrammes*
$\frac{1}{600}$	0·1
$\frac{1}{500}$ $\frac{1}{480}$	0·125
$\frac{1}{400}$	0·15
$\frac{1}{320}$ $\frac{1}{300}$	0·2
$\frac{1}{240}$	0·25
$\frac{1}{200}$	0·3
$\frac{1}{160}$ $\frac{1}{150}$	0·4
$\frac{1}{130}$ $\frac{1}{120}$	0·5
$\frac{1}{100}$	0·6
$\frac{1}{80}$ $\frac{1}{75}$	0·8
$\frac{1}{60}$	1
$\frac{1}{50}$	1·25
$\frac{1}{40}$	1·5
$\frac{1}{30}$	2
$\frac{1}{25}$ $\frac{1}{24}$	2·5
$\frac{1}{20}$	3
$\frac{1}{15}$	4
$\frac{1}{12}$	5
$\frac{1}{10}$	6

TABLE 1—*continued*

Column 1 *grains*	Column 2 *milligrammes*
$\frac{1}{8}$	7·5
$\frac{1}{6}$	10
$\frac{1}{6}$	12·5
$\frac{1}{4}$	15
$\frac{1}{3}$	20
$\frac{2}{5}$	25
$\frac{1}{2}$	30
$\frac{3}{5}$	40
$\frac{3}{4}$	50
1	60
$1\frac{1}{4}$	75
$1\frac{1}{2}$	100
2	125
$2\frac{1}{2}$	150
3	200
$3\frac{1}{2}$ 4	250
$4\frac{1}{2}$ 5	300
$5\frac{1}{2}$ 6	400
$6\frac{1}{2}$ 7 $7\frac{1}{2}$	450
8	500
9 10	600
11 to 13	800

TABLE 1—*continued*

Column 1 *grains*	Column 2 *grammes*
14 to 16	1
17 to 20	1·2
21 to 25	1·5
26 to 29	1·8
30 to 33	2
34 to 37	2·3
38 to 43	2·5
44 to 51	3
52 to 57	3·5
58 to 65	4
66 to 76	4·5
77 to 84	5
85 to 102	6
103 to 115	7
116 to 135	8
136 to 150	9
151 to 165	10
166 to 180	11
181 to 190	12
191 to 220	13
221 to 250	15
251 to 275	17
276 to 325	20
326 to 350	22
351 to 375	23
376 to 400	25
401 to 425	26
426 to 450	28
451 to 480	30

Entries in the above Table expressed as one figure to another are inclusive of both figures.

TABLE 2

Volumes of ingredients

Column 1 *minims*	Column 2 *millilitres*
1	0·06
1½	0·09
2	0·12
2½	0·15
3	0·18
3½	0·2
4 4½	0·25
5 5½	0·3
6 7 7½	0·4
8 9	0·5
10 11	0·6
12 13	0·7
14 15 16	0·9
17 18	1
19 to 22	1·2
23 to 27	1·5
28 to 32	1·8
33 to 37	2
38 to 46	2·5
47 to 55	3
56 to 64	3·5

TABLE 2—*continued*

Column 1 *minims*	Column 2 *millilitres*
65 to 74	4
75 to 84	4·5
85 to 93	5
94 to 110	6
111 to 130	7
131 to 149	8
150 to 167	9
168 to 185	10
186 to 200	11
201 to 220	12
221 to 250	14
251 to 275	15
276 to 300	17
301 to 330	18
331 to 370	20
371 to 400	22
401 to 450	25

Entries in the above Table expressed as one figure to another are inclusive of both figures.

TABLE 3

Weights of total quantities

Column 1 *ounces avoirdupois or apothecaries*	Column 2 *grammes*
1 oz. or more but less than 1½ oz.	25
1½ „ „ „ „ „ „ 3 „	50
3 „ „ „ „ „ „ 5½ „	100
5½ „ „ „ „ „ „ 9 „	200
9 „ „ „ „ „ „ 14½ „	300
14½ oz. or more but not more than 16 oz. or 1 lb. avoirdupois	500

TABLE 4

Volumes of total quantities
(other than those to which Table 5, 6 or 7 apply)

Column 1 *fluid ounces*	Column 2 *millilitres*
1 fl. oz. or more but less than 1½ fl. oz.	25
1½ „ „ „ „ 3 „	50
3 „ „ „ „ 5½ „	100
5½ „ „ „ „ 9 „	200
9 „ „ „ „ 14½ „	300
14½ fl. oz. or more but not more than 20 fl. oz. or 1 pint or ⅛ gallon	500

TABLE 5

Total quantities of prescriptions described in regulation 8(1)

Column 1 *fluid ounces*	Column 2 *millilitres*
½	25
1, 1½	50
2, 3	100
4	150
5, 6	200
8, 10	300
12	500

TABLE 6

Total quantities of prescriptions described in regulation 8(2)

Column 1 *fluid ounces*	Column 2 *millilitres*
½	10
1	20
2 3	50
4 6	100
8 10 12	200
16 20	300
24	**500**

TABLE 7

Total quantities of prescriptions described in regulation 8(3)

Column 1 *fluid ounces*	Column 2 *millilitres*
¼	10
½	20
1 1½	50
2 3	100
4 5 6	200
8 10	300
12	500

EXPLANATORY NOTE

(This note is not part of the Regulations, but is intended to indicate their general purport.)

These Regulations re-enact with amendments the provisions of the Weights and Measures (Equivalents for dealings with drugs) Regulations (Northern Ireland) 1969. Those regulations prescribed for the purpose of any dealings with drugs equivalents between imperial and metric units of measurement and required, as from specified dates, that orders or prescriptions for the supply of drugs expressed in imperial units should be carried out in terms of the metric equivalent prescribed by the regulations.

The principal changes made by these regulations are—

(*a*) the provision of metric equivalents for dealings with larger quantities of ingredients of veterinary drugs than were provided for in the 1969 regulations;

(*b*) a variation of the metric equivalents for dose quantities of prescriptions for liquid paraffin, fixed oils and certain mixtures; and

(*c*) the exclusion from the ambit of the regulations of dealings in drugs included in medicated animal feeding stuffs or medicated feed supplements.