

## SCHEDULE 1

Regulation 2(1)

## PART I

## PERMITTED EXTRACTION SOLVENTS

Column 1 Extraction solvent (see note 1)	Column 2 Detailed description of extraction solvent
1. Propane	
2. Butane	
3. Butyl acetate	
4. Ethyl acetate	
5. Ethanol	
6. Carbon Dioxide	
7. Acetone	
8. Nitrous Oxide	
9. Methanol	
10. Propan-2-ol	
11. Hexane (see note 2)	the commercial product consisting essentially of acyclic saturated hydrocarbons containing six carbon atoms and distilling between 64°C and 70°C
12. Methyl acetate	
13. Ethylmethylketone (see note 2)	containing not more than 50 mg/kg of n-Hexane
14. Dichloromethane	
15. Diethyl ether	
16. Butan-1-ol	
17. Butan-2-ol	
18. Methyl-propan-1-ol	
19. Propan-1-ol	

**Notes**

1. The extraction solvents listed in Column 1 above shall satisfy the following general purity criteria—
  - (a) subject to sub-paragraph (b) below they shall not contain a toxicologically dangerous amount of any element or substance;
  - (b) they shall not contain more than 1 mg/kg of, respectively, arsenic or lead.
2. The combined use of Hexane and Ethylmethylketone is not permitted.

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## PART II

### OTHER SUBSTANCES OR MATERIALS QUALIFYING AS PERMITTED EXTRACTION SOLVENTS WHEN USED AS EXTRACTION SOLVENTS

Column 1 Substance or material	Column 2 Conditions of use as extraction solvents
1. Water	Whether or not other substances regulating acidity or alkalinity have been added to it
2. Any food possessing solvent properties	Where use is as an extraction solvent

### SCHEDULE 2

Regulation 4(2)(d)

#### FOODS IN WHICH ONLY CERTAIN PERMITTED EXTRACTION SOLVENTS MAY BE USED AND THEN ONLY FOR CERTAIN PURPOSES

Column 1 Specified foods	Column 2 Permitted extraction solvent	Column 3 Purpose for which permitted extraction solvent may be added	Column 4 Maximum permitted residue of permitted extraction solvent in the specified food (or, where indicated, in any food in which the specified food is an ingredient)
1. Fats	(a) Hexane, or (b) Ethylmethylketone	(a) in respect of Hexane, the production or fractionation of the fats  (b) in respect of Ethylmethylketone, the fractionation of the fats	5 mg/kg
2. Oils	(a) Hexane, or (b) Ethylmethylketone	(a) in respect of Hexane, the production or fractionation of the oils  (b) in respect of Ethylmethylketone, the	5 mg/kg

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		fractionation of the oils	
3. Cocoa butter	Hexane	production of the cocoa butter	5 mg/kg
4. Protein products	Hexane	preparation of the protein products	10 mg/kg in any food in which the protein products are an ingredient
5. Defatted flours	Hexane	preparation of the defatted flours	10 mg/kg in any food in which the defatted flours are an ingredient
6. Defatted cereal germs	Hexane	preparation of the defatted cereal germs	5 mg/kg
7. Defatted soya products	Hexane	preparation of the defatted soya products	30 mg/kg in the defatted soya product as sold to the final consumer
8. Coffee	(a) Methyl acetate, or (b) Ethylmethylketone, or (c) Dichloromethane, alone or in combination	(a) decaffeination (b) removal of irritants and bitterings, or both	(a) in respect of methyl acetate or ethylmethylketone, 20 mg/kg, and if these are used in combination their combined total shall not exceed 20 mg/kg  (b) in respect of dichloromethane, 2 mg/kg
9. Tea	(a) Methyl acetate, or (b) Ethylmethylketone, or	(a) decaffeination (b) removal of irritants and bitterings, or both	(a) in respect of methyl acetate or ethylmethylketone, 20 mg/kg,

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	(c) Dichloromethane, alone or in combination		and if these are used in combination their combined total shall not exceed 20 mg/kg  (b) in respect of dichloromethane, 5 mg/kg
10. Sugar molasses	from Methyl acetate	production of the sugar from molasses	1 mg/kg

## SCHEDULE 3

Regulation 4(2)(e)

Maximum residues of extraction solvent permitted in foods due to the use in those foods of food consisting of flavourings prepared from natural flavouring materials by using those extraction solvents.

Column 1 Extraction solvent	Column 2 Maximum residue
Diethyl ether	2 mg/kg
Hexane	1 mg/kg
Methyl acetate	1 mg/kg
Butan-1-ol	1 mg/kg
Butan-2-ol	1 mg/kg
Ethylmethylketone	1 mg/kg
Dichloromethane	0.02 mg/kg
Methyl-propan-1-ol	1 mg/kg
Propan-1-ol	1 mg/kg

## SCHEDULE 4

Regulation 4(3)

### LABELLING OF PERMITTED EXTRACTION SOLVENTS

#### Part I

The following information shall be given in relation to any permitted extraction solvent described in Column 1 of Part I of Schedule 1—

- (a) the name of the permitted extraction solvent as given in Column 1 of Part I of Schedule 1,
- (b) a clear statement that the permitted extraction solvent is of suitable quality for use in an extraction procedure,
- (c) a reference by which the batch or lot of which the permitted extraction solvent in question forms part may be identified,
- (d) the name or business name and address of the manufacturer or packer, or of a seller established within the European Economic Community,
- (e) the net quantity by volume, in metric units of measurement, of the permitted extraction solvent in any container or other packaging in which it is to be sold or imported,
- (f) if such are necessary, any special storage conditions or conditions of use.

#### Part II

The information that is specified in Part I of this Schedule—

- (a) shall be given in such a way that it is easily visible, clearly legible and indelible;
- (b) shall be given on the packaging, container or label of the permitted extraction solvent to which it relates or, in the case of the information specified in sub-paragraphs (c) to (f) in that Part, in the trade documents which relate to the batch or lot of permitted extraction solvents and which accompany or precede its delivery, and
- (c) may, in the case of the information specified in sub-paragraph (e) in that Part, be accompanied by an indication using other units of measurement provided that the indication of the metric quantity predominates over any such accompanying indication and is expressed in characters which are no smaller than those in the accompanying indication.