Chapter 29

Organic chemicals

Notes.

1.- Except where the context otherwise requires, the headings of this Chapter apply only to:

(a) Separate chemically defined organic compounds, whether or not containing impurities;
(b) Mixtures of two or more isomers of the same organic compound (whether or not containing impurities), except mixtures of acyclic hydrocarbon isomers (other than stereoisomers), whether or not saturated (Chapter 27);
(c) The products of headings 29.36 to 29.39 or the sugar ethers, sugar acetals and sugar esters, and their salts, of heading 29.40, or the products of heading 29.41, whether or not chemically defined;
(d) The products mentioned in (a), (b) or (c) above dissolved in water;
(e) The products mentioned in (a), (b) or (c) above dissolved in other solvents provided that the solution constitutes a normal and necessary method of putting up these products adopted solely for reasons of safety or for transport and that the solvent does not render the product particularly suitable for specific use rather than for general use;
(f) The products mentioned in (a), (b), (c), (d) or (e) above with an added stabiliser (including an anti-caking agent) necessary for their preservation or transport;
(g) The products mentioned in (a), (b), (c), (d), (e) or (f) above with an added anti-dusting agent or a colouring or odoriferous substance added to facilitate their identification or for safety reasons, provided that the additions do not render the product particularly suitable for specific use rather than for general use;
(h) The following products, diluted to standard strengths, for the production of azo dyes : diazonium salts, couplers used for these salts and diazotisable amines and their salts.

2.- This Chapter does not cover:

(a) Goods of heading 15.04 or crude glycerol of heading 15.20;
(b) Ethyl alcohol (heading 22.07 or 22.08);
(c) Methane or propane (heading 27.11);
(d) The compounds of carbon mentioned in Note 2 to Chapter 28;
(e) Urea (heading 31.02 or 31.05);
(f) Colouring matter of vegetable or animal origin (heading 32.03), synthetic organic colouring matter, synthetic organic products of a kind used as fluorescent brightening agents or as lumino phores (heading 32.04) or dyes or other colouring matter put up in forms or packings for retail sale (heading 32.12);
(g) Enzymes (heading 35.07);
(h) Metaldehyde, hexamethylene tetramine or similar substances, put up in forms (for example, tablets, sticks or similar forms) for use as fuels, or liquid or liquefied-gas fuels in containers of a kind used for filling or refilling cigarette or similar lighters and of a capacity not exceeding 300 cm³ (heading 36.06);
(i) Products put up as charges for fire-extinguishers or put up in fire-extinguishing grenades, of heading 38.13; ink removers put up in packings for retail sale, of heading 38.24; or
(k) Optical elements, for example, of ethylenediamine tartrate (heading 90.01).

3.- Goods which could be included in two or more of the headings of this Chapter are to be classified in that one of those headings which occurs last in numerical order.

4.- In headings 29.04 to 29.06, 29.08 to 29.11 and 29.13 to 29.20, any reference to halogenated, sulphonated, nitrated or nitrosated derivatives includes a reference to compound derivatives, such as sulphohalogenated, nitrohalogenated, nitrosulphonated or nitrosulphohalogenated derivatives.

Nitro or nitroso groups are not to be taken as “nitrogen-functions” for the purposes of heading 29.29.

For the purposes of headings 29.11, 29.12, 29.14, 29.18 and 29.22, “oxygen-function” is to be restricted to the functions (the characteristic organic oxygen-containing groups) referred to in headings 29.05 to 29.20.
5.- (A) The esters of acid-function organic compounds of sub-Chapters I to VII with organic compounds of these sub-Chapters are to be classified with that compound which is classified in the heading which occurs last in numerical order in these sub-Chapters.

(B) Esters of ethyl alcohol with acid-function organic compounds of sub-Chapters I to VII are to be classified in the same heading as the corresponding acid-function compounds.

(C) Subject to Note 1 to Section VI and Note 2 to Chapter 28:

1. Inorganic salts of organic compounds such as acid-, phenol- or enol-function compounds or organic bases, of sub-Chapters I to X or heading 29.42, are to be classified in the heading appropriate to the organic compound;

2. Salts formed between organic compounds of sub-Chapters I to X or heading 29.42 are to be classified in the heading appropriate to the base or to the acid (including phenol- or enol-function compounds) from which they are formed, whichever occurs last in numerical order in the Chapter; and

3. Co-ordination compounds, other than products classifiable in sub-Chapter XI or heading 29.41, are to be classified in the heading which occurs last in numerical order in Chapter 29, among those appropriate to the fragments formed by "cleaving" of all metal bonds, other than metal-carbon bonds.

(D) Metal alcoholates are to be classified in the same heading as the corresponding alcohols except in the case of ethanol (heading 29.05).

(E) Halides of carboxylic acids are to be classified in the same heading as the corresponding acids.

6.- The compounds of headings 29.30 and 29.31 are organic compounds the molecules of which contain, in addition to atoms of hydrogen, oxygen or nitrogen, atoms of other non-metals or of metals (such as sulphur, arsenic or lead) directly linked to carbon atoms.

Heading 29.30 (organo-sulphur compounds) and heading 29.31 (other organo-inorganic compounds) do not include sulphonated or halogenated derivatives (including compound derivatives) which, apart from hydrogen, oxygen and nitrogen, only have directly linked to carbon the atoms of sulphur or of a halogen which give them their nature of sulphonated or halogenated derivatives (or compound derivatives).

7.- Headings 29.32, 29.33 and 29.34 do not include epoxides with a three-membered ring, ketone peroxides, cyclic polymers of aldehydes or of thioaldehydes, anhydrides of polybasic carboxylic acids, cyclic esters of polyhydric alcohols or phenols with polybasic acids, or imides of polybasic acids.

These provisions apply only when the ring-position hetero-atoms are those resulting solely from the cyclising function or functions here listed.

8.- For the purposes of heading 29.37:

(a) the term "hormones" includes hormone-releasing or hormone-stimulating factors, hormone inhibitors and hormone antagonists (anti-hormones);

(b) the expression "used primarily as hormones" applies not only to hormone derivatives and structural analogues used primarily for their hormonal effect, but also to those derivatives and structural analogues used primarily as intermediates in the synthesis of products of this heading.

**Subheading Notes.**

1.- Within any one heading of this Chapter, derivatives of a chemical compound (or group of chemical compounds) are to be classified in the same subheading as that compound (or group of compounds) provided that they are not more specifically covered by any other subheading and that there is no residual subheading named “Other” in the series of subheadings concerned.

2.- Note 3 to Chapter 29 does not apply to the subheadings of this Chapter.

<p>| Heading │ H.S. Code |
|---------|-----------|
| I.- HYDROCARBONS AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES |
| 29.01   | 2901.10   |
| Acyclic hydrocarbons. |
| - Saturated |
| - Unsaturated : |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2901.21</td>
<td>-- Ethylene</td>
</tr>
<tr>
<td>2901.22</td>
<td>-- Propene (propylene)</td>
</tr>
<tr>
<td>2901.23</td>
<td>-- Butene (butylene) and isomers thereof</td>
</tr>
<tr>
<td>2901.24</td>
<td>-- Buta-1,3-diene and isoprene</td>
</tr>
<tr>
<td>2901.29</td>
<td>-- Other</td>
</tr>
</tbody>
</table>

### 29.02 Cyclic hydrocarbons.

- Cyclanes, cyclenes and cycloterpenes:
  - 2902.11 -- Cyclohexane
  - 2902.19 -- Other
  - 2902.20 -- Benzene
  - 2902.30 -- Toluene
    - Xylenes:
      - 2902.41 -- o-Xylene
      - 2902.42 -- m-Xylene
      - 2902.43 -- p-Xylene
      - 2902.44 -- Mixed xylene isomers
  - 2902.50 -- Styrene
  - 2902.60 -- Ethylbenzene
  - 2902.70 -- Cumene
  - 2902.90 -- Other

### 29.03 Halogenated derivatives of hydrocarbons.

- Saturated chlorinated derivatives of acyclic hydrocarbons:
  - 2903.11 -- Chloromethane (methyl chloride) and chloroethane (ethyl chloride)
  - 2903.12 -- Dichloromethane (methylene chloride)
  - 2903.13 -- Chloroform (trichloromethane)
  - 2903.14 -- Carbon tetrachloride
  - 2903.15 -- Ethylene dichloride (ISO) (1,2-dichloroethane)
  - 2903.19 -- Other
- Unsaturated chlorinated derivatives of acyclic hydrocarbons:
  - 2903.21 -- Vinyl chloride (chloroethylene)
  - 2903.22 -- Trichloroethylene
  - 2903.23 -- Tetrachloroethylene (perchloroethylene)
  - 2903.29 -- Other
  - Fluorinated, brominated or iodinated derivatives of acyclic hydrocarbons:
    - 2903.31 -- Ethylene dibromide (ISO) (1,2-dibromoethane)
  - 2903.39 -- Other
    - Halogenated derivatives of acyclic hydrocarbons containing two or more different halogens:
      - 2903.41 -- Trichlorofluoromethane
  - 2903.42 -- Dichlorodifluoromethane
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.03</td>
<td>Halogenated derivatives of hydrocarbons, whether or not halogenated.</td>
</tr>
<tr>
<td>29.03.43</td>
<td>Trichlorotrifluoroethanes</td>
</tr>
<tr>
<td>29.03.44</td>
<td>Dichlorotetrafluoroethanes and chloropentafluoroethane</td>
</tr>
<tr>
<td>29.03.45</td>
<td>Other derivatives perhalogenated only with fluorine and chlorine</td>
</tr>
<tr>
<td>29.03.46</td>
<td>Bromochlorodifluoromethane, bromotrifluoromethane and dibromotetrafluoroethanes</td>
</tr>
<tr>
<td>29.03.47</td>
<td>Other perhalogenated derivatives</td>
</tr>
<tr>
<td>29.03.49</td>
<td>Other</td>
</tr>
<tr>
<td>29.04</td>
<td>Other halogenated derivatives</td>
</tr>
<tr>
<td>29.04.10</td>
<td>Halogenated derivatives of cyclanic, cyclenic or cycloterpenic hydrocarbons:</td>
</tr>
<tr>
<td>29.04.51</td>
<td>1,2,3,4,5,6-Hexachlorocyclohexane (HCH (ISO)), including lindane (ISO, INN)</td>
</tr>
<tr>
<td>29.04.52</td>
<td>Aldrin (ISO), chlordane (ISO) and heptachlor (ISO)</td>
</tr>
<tr>
<td>29.04.59</td>
<td>Other</td>
</tr>
<tr>
<td>29.05</td>
<td>Halogenated derivatives of aromatic hydrocarbons:</td>
</tr>
<tr>
<td>29.05.61</td>
<td>Chlorobenzene, o-dichlorobenzene and p-dichlorobenzene</td>
</tr>
<tr>
<td>29.05.62</td>
<td>Hexachlorobenzene (ISO) and DDT (ISO) (clofenotane (INN), 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane)</td>
</tr>
<tr>
<td>29.05.69</td>
<td>Other</td>
</tr>
</tbody>
</table>

**II.- ALCOHOLS AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES**

**29.04** Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated.

- Derivatives containing only sulpho groups, their salts and ethyl esters
- Derivatives containing only nitro or only nitroso groups
- Other

**29.05** Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives.

- Saturated monohydric alcohols:
  - Methanol (methyl alcohol)
  - Propan-1-ol (propyl alcohol) and propan-2-ol (isopropyl alcohol)
  - Butan-1-ol (n-butyl alcohol)
- Other butanols
- Octanol (octyl alcohol) and isomers thereof
- Dodecan-1-ol (lauryl alcohol), hexadecan-1-ol (cetyl alcohol) and octadecan-1-ol (stearyl alcohol)
- Other
- Unsaturated monohydric alcohols:
- Acyclic terpene alcohols
- Other
- Diols:
- Ethylene glycol (ethanediol)
2905.32 -- Propylene glycol (propane-1,2-diol)
2905.39 -- Other
  - Other polyhydric alcohols:
  2905.41 -- 2-Ethyl-2-(hydroxymethyl)propane-1,3-diol (trimethylolpropane)
2905.42 -- Pentaerythritol
2905.43 -- Mannitol
2905.44 -- D-glucitol (sorbitol)
2905.45 -- Glycerol
2905.49 -- Other
  - Halogenated, sulphonated, nitrated or nitrosated derivatives of acyclic alcohols:
  2905.51 -- Ethchlorvynol (INN)
2905.59 -- Other

29.06
Cyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives.
  - Cyclanic, cyclenic or cycloterpenic:
  2906.11 -- Menthol
2906.12 -- Cyclohexanol, methylcyclohexanols and dimethylocyclo-
  hexanols
2906.13 -- Sterols and inositols
2906.19 -- Other
  - Aromatic:
  2906.21 -- Benzyl alcohol
2906.29 -- Other

III.- PHENOLS, PHENOL-ALCOHOLS, AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES

29.07
Phenols; phenol-alcohols.
  - Monophenols:
  2907.11 -- Phenol (hydroxybenzene) and its salts
2907.12 -- Cresols and their salts
2907.13 -- Octylphenol, nonylphenol and their isomers; salts thereof
2907.15 -- Naphthols and their salts
2907.19 -- Other
  - Polyphenols; phenol-alcohols:
  2907.21 -- Resorcinol and its salts
2907.22 -- Hydroquinone (quinol) and its salts
2907.23 -- 4,4'-Isopropylidendiphenol (bisphenol A, diphenylolpropane)
  and its salts
2907.29 -- Other
| 29.08 | **Halogenated, sulphonated, nitrated or nitrosated derivatives of phenols or phenol-alcohols.**  
| | - Derivatives containing only halogen substituents and their salts:  
| | 2908.11 -- Pentachlorophenol (ISO)  
| | 2908.19 -- Other  
| | - Other:  
| | 2908.91 -- Dinoseb (ISO) and its salts  
| | 2908.99 -- Other  |

| 29.09 | **IV.- ETHERS, ALCOHOL PEROXIDES, ETHER PEROXIDES, KETONE PEROXIDES, EPOXIDES WITH A THREE-MEMBERED RING, ACETALS AND HEMIACETALS, AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES**  
| | **Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohol peroxides, ether peroxides, ketone peroxides (whether or not chemically defined), and their halogenated, sulphonated, nitrated or nitrosated derivatives.**  
| | - Acyclic ethers and their halogenated, sulphonated, nitrated or nitrosated derivatives:  
| | 2909.11 -- Diethyl ether  
| | 2909.19 -- Other  
| | 2909.20 -- Cyclanic, cyclenic or cycloterpenic ethers and their halogenated, sulphonated, nitrated or nitrosated derivatives  
| | 2909.30 -- Aromatic ethers and their halogenated, sulphonated, nitrated or nitrosated derivatives  
| | - Ether-alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives:  
| | 2909.41 -- 2,2'-Oxydiethanol (diethylene glycol, digol)  
| | 2909.43 -- Monobutyl ethers of ethylene glycol or of diethylene glycol  
| | 2909.44 -- Other monoalkylethers of ethylene glycol or of diethylene glycol  
| | 2909.49 -- Other  
| | 2909.50 -- Ether-phenols, ether-alcohol-phenols and their halogenated, sulphonated, nitrated or nitrosated derivatives  
| | 2909.60 -- Alcohol peroxides, ether peroxides, ketone peroxides and their halogenated, sulphonated, nitrated or nitrosated derivatives  |

| 29.10 | **Epoxides, epoxyalcohols, epoxyphenols and epoxyethers, with a three-membered ring, and their halogenated, sulphonated, nitrated or nitrosated derivatives.**  
| | 2910.10 -- Oxirane (ethylene oxide)  
| | 2910.20 -- Methylxirane (propylene oxide)  
| | 2910.30 -- 1-Chloro-2,3-epoxypropane (epichlorohydrin)  
| | 2910.40 -- Dieldrin (ISO, INN)  
| | 2910.90 -- Other  |
V.- ALDEHYDE-FUNCTION COMPOUNDS

29.12 Aldehydes, whether or not with other oxygen function; cyclic polymers of aldehydes; paraformaldehyde.

- Acyclic aldehydes without other oxygen function:
  2912.11 -- Methanal (formaldehyde)
  2912.12 -- Ethanal (acetaldehyde)
  2912.19 -- Other

- Cyclic aldehydes without other oxygen function:
  2912.21 -- Benzaldehyde
  2912.29 -- Other

2912.30 - Aldehyde-alcohols

- Aldehyde-ethers, aldehyde-phenols and aldehydes with other oxygen function:
  2912.41 -- Vanillin (4-hydroxy-3-methoxybenzaldehyde)
  2912.42 -- Ethylvanillin (3-ethoxy-4-hydroxybenzaldehyde)
  2912.49 -- Other

2912.50 - Cyclic polymers of aldehydes

2912.60 - Paraformaldehyde

29.13 Halogenated, sulphonated, nitrated or nitrosated derivatives of products of heading 29.12.

VI.- KETONE-FUNCTION COMPOUNDS AND QUINONE-FUNCTION COMPOUNDS

29.14 Ketones and quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives.

- Acyclic ketones without other oxygen function:
  2914.11 -- Acetone
  2914.12 -- Butanone (methyl ethyl ketone)
  2914.13 -- 4-Methylpentan-2-one (methyl isobutyl ketone)
  2914.19 -- Other

- Cyclanic, cyclenic or cycloterpenic ketones without other oxygen function:
  2914.21 -- Camphor
  2914.22 -- Cyclohexanone and methylcyclohexanones
  2914.23 -- Ionones and methylionones
  2914.29 -- Other

- Aromatic ketones without other oxygen function:
| 2914.31 | -- Phenylacetone (phenylpropan-2-one) |
| 2914.39 | -- Other |
| 2914.40 | - Ketone-alcohols and ketone-aldehydes |
| 2914.50 | - Ketone-phenols and ketones with other oxygen function |
|         | - Quinones : |
| 2914.61 | -- Anthraquinone |
| 2914.69 | -- Other |
| 2914.70 | - Halogenated, sulphonated, nitrated or nitrosated derivatives |

### VII.- CARBOXYLIC ACIDS AND THEIR ANHYDRIDES, HALIDES, PEROXIDES AND PEROXYACIDS AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES

#### 29.15

**Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives.**

- Formic acid, its salts and esters :
  | 2915.11 | -- Formic acid |
  | 2915.12 | -- Salts of formic acid |
  | 2915.13 | -- Esters of formic acid |
- Acetic acid and its salts; acetic anhydride :
  | 2915.21 | -- Acetic acid |
  | 2915.24 | -- Acetic anhydride |
  | 2915.29 | -- Other |
- Esters of acetic acid :
  | 2915.31 | -- Ethyl acetate |
  | 2915.32 | -- Vinyl acetate |
  | 2915.33 | -- n-Butyl acetate |
  | 2915.36 | -- Dinojeb (ISO) acetate |
  | 2915.39 | -- Other |
- Mono-, di- or trichloroacetic acids, their salts and esters |
  | 2915.40 | |
- Propionic acid, its salts and esters |
  | 2915.50 | |
- Butanoic acids, pentanoic acids, their salts and esters |
  | 2915.60 | |
- Palmitic acid, stearic acid, their salts and esters |
  | 2915.70 | |
- Other |
  | 2915.90 | |

#### 29.16

**Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives.**

- Unsaturated acyclic monocarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives :
### 29.17 Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives.

- Acyclic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives:
  - Oxalic acid, its salts and esters
  - Adipic acid, its salts and esters
  - Azelaic acid, sebacic acid, their salts and esters
  - Maleic anhydride
  - Other

- Cyclanic, cylenic or cycloterpenic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives:
  - Aromatic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives:
    - Dioctyl orthophthalates
    - Dinonyl or didecyl orthophthalates
    - Other esters of orthophthalic acid
    - Phthalic anhydride
    - Terephthalic acid and its salts
    - Dimethyl terephthalate
    - Other

### 29.18 Carboxylic acids with additional oxygen function and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives.

- Carboxylic acids with alcohol function but without other oxygen function, their anhydrides, halides, peroxides, peroxyacids and their derivatives:
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2918.11</td>
<td>Lactic acid, its salts and esters</td>
</tr>
<tr>
<td>2918.12</td>
<td>Tartaric acid</td>
</tr>
<tr>
<td>2918.13</td>
<td>Salts and esters of tartaric acid</td>
</tr>
<tr>
<td>2918.14</td>
<td>Citric acid</td>
</tr>
<tr>
<td>2918.15</td>
<td>Salts and esters of citric acid</td>
</tr>
<tr>
<td>2918.16</td>
<td>Gluconic acid, its salts and esters</td>
</tr>
<tr>
<td>2918.18</td>
<td>Chlorobenzilate (ISO)</td>
</tr>
<tr>
<td>2918.19</td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>- Carboxylic acids with phenol function but without other oxygen function, their anhydrides, halides, peroxides, peroxyacids and their derivatives :</td>
</tr>
<tr>
<td>2918.21</td>
<td>Salicylic acid and its salts</td>
</tr>
<tr>
<td>2918.22</td>
<td>O-Acetylsalicylic acid, its salts and esters</td>
</tr>
<tr>
<td>2918.23</td>
<td>Other esters of salicylic acid and their salts</td>
</tr>
<tr>
<td>2918.29</td>
<td>Other</td>
</tr>
<tr>
<td>2918.30</td>
<td>Carboxylic acids with aldehyde or ketone function but without other oxygen function, their anhydrides, halides, peroxides, peroxyacids and their derivatives</td>
</tr>
<tr>
<td></td>
<td>- Other</td>
</tr>
<tr>
<td>2918.91</td>
<td>2,4,5-T (ISO) (2,4,5-trichlorophenoxyacetic acid), its salts and esters</td>
</tr>
<tr>
<td>2918.99</td>
<td>Other</td>
</tr>
</tbody>
</table>

VIII.- ESTERS OF INORGANIC ACIDS OF NON-METALS AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.19</td>
<td>Phosphoric esters and their salts, including lactophosphates; their halogenated, sulphonated, nitrated or nitrosated derivatives.</td>
</tr>
<tr>
<td>2919.10</td>
<td>Tris(2,3-dibromopropyl) phosphate</td>
</tr>
<tr>
<td>2919.90</td>
<td>Other</td>
</tr>
</tbody>
</table>

29.20 Esters of other inorganic acids of non-metals (excluding esters of hydrogen halides) and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2920.11</td>
<td>Parathion (ISO) and parathion-methyl (ISO) (methyl-parathion)</td>
</tr>
<tr>
<td>2920.19</td>
<td>Other</td>
</tr>
<tr>
<td>2920.90</td>
<td>Other</td>
</tr>
</tbody>
</table>

IX.- NITROGEN-FUNCTION COMPOUNDS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.21</td>
<td>Amine-function compounds.</td>
</tr>
<tr>
<td></td>
<td>- Acyclic monoamines and their derivatives; salts thereof :</td>
</tr>
</tbody>
</table>
2921.11 -- Methylamine, di- or trimethylamine and their salts
2921.19 -- Other
   - Acyclic polyamines and their derivatives; salts thereof:
      2921.21 -- Ethylenediamine and its salts
      2921.22 -- Hexamethylenediamine and its salts
      2921.29 -- Other
2921.30 - Cyclanic, cyclenic or cycloterpenic mono- or polyamines, and
   their derivatives; salts thereof:
      - Aromatic monoamines and their derivatives; salts thereof:
         2921.41 -- Aniline and its salts
         2921.42 -- Aniline derivatives and their salts
         2921.43 -- Toluidines and their derivatives; salts thereof
         2921.44 -- Diphenylamine and its derivatives; salts thereof
         2921.45 -- 1-Naphthylamine (alpha-naphthylamine), 2-naphthylamine
            (beta-naphthylamine) and their derivatives; salts thereof
         2921.46 -- Amphetamine (INN), benzfetamine (INN), dexamphetamine
            (INN), etiamphetamine (INN), fencamfamin (INN),
            lefetamine (INN), levamfetamine (INN), mefenorex (INN)
            and phentermine (INN); salts thereof
         2921.49 -- Other
            - Aromatic polyamines and their derivatives; salts thereof:
               2921.51 -- α-, m-, p-Phenylenediamine, diaminotoluenes, and
                  their derivatives; salts thereof
               2921.59 -- Other

29.22 Oxygen-function amino-compounds.
   - Amino-alcohols, other than those containing more than one
     kind of oxygen function, their ethers and esters; salts thereof:
      2922.11 -- Monoethanolamine and its salts
      2922.12 -- Diethanolamine and its salts
      2922.13 -- Triethanolamine and its salts
      2922.14 -- Dextropropoxyphene (INN) and its salts
      2922.19 -- Other
            - Amino-naphthols and other amino-phenols, other than those
              containing more than one kind of oxygen function, their ethers
              and esters; salts thereof:
               2922.21 -- Aminohydroxynaphthalenesulphonic acids and their salts
               2922.29 -- Other
                  - Amino-aldehydes, amino-ketones and amino-quinones, other
                    than those containing more than one kind of oxygen function;
                    salts thereof:
                   2922.31 -- Amfepramone (INN), methadone (INN) and normethadone
                     (INN); salts thereof
                   2922.39 -- Other
                      - Amino-acids, other than those containing more than one kind
                        of oxygen function, and their esters; salts thereof:
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<td>Quaternary ammonium salts and hydroxides; lecithins and other phosphoaminolipids, whether or not chemically defined.</td>
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<td>2923.90</td>
<td>Other</td>
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<td>29.24</td>
<td>Carboxyamide-function compounds; amide-function compounds of carbonic acid.</td>
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<td>Ureines and their derivatives; salts thereof</td>
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<td>2924.23</td>
<td>2-Acetamidobenzoic acid (N-acetylanthranilic acid) and its salts</td>
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<td>2925.29</td>
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<td>Nitrile-function compounds.</td>
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<td>2926.20</td>
<td>1-Cyanoguanidine (dicyandiamide)</td>
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<td>2926.30</td>
<td>Fenproporex (INN) and its salts; methadone (INN) intermediate (4-cyano-2-dimethylamino-4,4-diphenylbutane)</td>
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<td>2926.90</td>
<td>Other</td>
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<tr>
<td>29.27</td>
<td>Diazo-, azo- or azoxy-compounds.</td>
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</table>
29.28 | 2928.00 | Organic derivatives of hydrazine or of hydroxylamine.

29.29 | Compounds with other nitrogen function.
- Isocyanates
- Other

29.30 | Organo-sulphur compounds.
- Thiocarbamates and dithiocarbamates
- Thiuram mono-, di- or tetrasulphides
- Methionine
- Captafol (ISO) and methamidophos (ISO)
- Other

29.31 | Other organo-inorganic compounds.

29.32 | Heterocyclic compounds with oxygen hetero-atom(s) only.
- Compounds containing an unfused furan ring (whether or not hydrogenated) in the structure:
  - Tetrahydrofuran
  - 2-Furaldehyde (furfuraldehyde)
  - Furfuryl alcohol and tetrahydrofurfuryl alcohol
  - Other
    - Lactones:
      - Coumarin, methylcoumarins and ethylcoumarins
      - Other lactones
    - Other:
      - Isosafrole
      - 1-(1,3-Benzodioxol-5-yl)propan-2-one
      - Piperonal
      - Safrole
      - Tetrahydrocannabinols (all isomers)
      - Other

29.33 | Heterocyclic compounds with nitrogen hetero-atom(s) only.
- Compounds containing an unfused pyrazole ring (whether or not hydrogenated) in the structure:
  - Phenazole (antipyrin) and its derivatives
  - Other
- Compounds containing an unfused imidazole ring (whether or not hydrogenated) in the structure:
  - Hydantoin and its derivatives
  - Other
- Compounds containing an unfused pyridine ring (whether or not hydrogenated) in the structure:
  2933.31 -- Pyridine and its salts
  2933.32 -- Piperidine and its salts
  2933.33 -- Alfentanil (INN), anileridine (INN), bezitramide (INN), bromazepam (INN), difenoxin (INN), diphenoxylate (INN), dipipanone (INN), fentanyl (INN), ketobemidone (INN), methylphenidate (INN), pentazocine (INN), pethidine (INN), pethidine (INN) intermediate A, phencyclidine (INN) (PCP), phenoperidine (INN), pipradrol (INN), piritramide (INN), propiram (INN) and trimeperidine (INN); salts thereof
  2933.39 -- Other
- Compounds containing in the structure a quinoline or isoquinoline ring-system (whether or not hydrogenated), not further fused:
  2933.41 -- Levorphanol (INN) and its salts
  2933.49 -- Other
- Compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure:
  2933.52 -- Malonylurea (barbituric acid) and its salts
  2933.53 -- Allobarbital (INN), amobarbital (INN), barbital (INN), butalbital (INN), butobarbital, cyclobarbital (INN), methylphenobarbital (INN), pentobarbital (INN), phenobarbital (INN), sebutabarbital (INN), secobarbital (INN) and vinylbital (INN); salts thereof
  2933.54 -- Other derivatives of malonylurea (barbituric acid); salts thereof
  2933.55 -- Loprazolam (INN), mecloqualone (INN), methaqualone (INN) and zipeprowl (INN); salts thereof
  2933.59 -- Other
- Compounds containing an unfused triazine ring (whether or not hydrogenated) in the structure:
  2933.61 -- Melamine
  2933.69 -- Other
  - Lactams:
    2933.71 -- 6-Hexane lactam (epsilon-caprolactam)
    2933.72 -- Clobazam (INN) and methyprylon (INN)
    2933.79 -- Other lactams
    - Other:
      2933.91 -- Alprazolam (INN), camazepam (INN), chlordiazepoxide (INN), clonazepam (INN), clorazepate, delorazepam (INN), diazepam (INN), estazolam (INN), ethyl loflazepate (INN), fludiazepam (INN), flumitrazepam (INN), flurazepam (INN), halazepam (INN), lorazepam (INN), lormetazepam (INN), mazindol (INN), medazepam (INN), midazolam (INN), nimetazepam (INN), nitrazepam (INN), nordazepam (INN), oxazepam (INN), pinazepam (INN), prazeptam (INN), pyrovulenerone (INN), temazepam (INN), tetrazepam (INN) and triazolam (INN); salts thereof
  2933.99 -- Other
### 29.34 Nucleic acids and their salts, whether or not chemically defined; other heterocyclic compounds.

- **2934.10** Compounds containing an unfused thiazole ring (whether or not hydrogenated) in the structure
- **2934.20** Compounds containing in the structure a benzothiazole ring-system (whether or not hydrogenated), not further fused
- **2934.30** Compounds containing in the structure a phenothiazine ring-system (whether or not hydrogenated), not further fused

- **2934.91** Aminorex (INN), brotizolam (INN), clotiazepam (INN), cloxazolam (INN), dextromoramide (INN), haloxazolam (INN), ketazolam (INN), mesocab (INN), oxazolam (INN), pemoline (INN), phenmetrazine (INN), phenmetrazine (INN) and sufentanil (INN); salts thereof
- **2934.99** Other

### 29.35 Sulphonamides.

#### XI.- PROVITAMINS, VITAMINS AND HORMONES

### 29.36 Provitamins and vitamins, natural or reproduced by synthesis (including natural concentrates), derivatives thereof used primarily as vitamins, and intermixtures of the foregoing, whether or not in any solvent.

- **2936.21** Vitamins A and their derivatives
- **2936.22** Vitamin B₁ and its derivatives
- **2936.23** Vitamin B₂ and its derivatives
- **2936.24** D- or DL-Pantothenic acid (Vitamin B₃ or Vitamin B₅) and its derivatives
- **2936.25** Vitamin B₆ and its derivatives
- **2936.26** Vitamin B₁₂ and its derivatives
- **2936.27** Vitamin C and its derivatives
- **2936.28** Vitamin E and its derivatives
- **2936.29** Other vitamins and their derivatives
- **2936.90** Other, including natural concentrates

### 29.37 Hormones, prostaglandins, thromboxanes and leukotrienes, natural or reproduced by synthesis; derivatives and structural analogues thereof, including chain modified polypeptides, used primarily as hormones.

- **2937.11** Somatotropin, its derivatives and structural analogues
- **2937.12** Insulin and its salts
- **2937.19** Other

- **2937.21** Cortisone, hydrocortisone, prednisone (dehydrocortisone) and prednisolone (dehydrohydrocortisone)
- **2937.22** Halogenated derivatives of corticosteroidal hormones
| 2937.23 | -- Oestrogens and progestogens |
| 2937.29 | -- Other |
| 2937.31 | -- Epinephrine |
| 2937.40 | -- Amino-acid derivatives |
| 2937.50 | -- Prostaglandins, thromboxanes and leukotrienes, their derivatives and structural analogues |
| 2937.90 | -- Other |

**XII.- GLYCOSIDES AND VEGETABLE ALKALOIDS, NATURAL OR REPRODUCED BY SYNTHESIS, AND THEIR SALTS, ETHERS, ESTERS AND OTHER DERIVATIVES**

### 29.38
Glycosides, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives.

- **2938.10** - Rutoside (rutin) and its derivatives
- **2938.90** - Other

### 29.39
Vegetable alkaloids, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives.

- Alkaloids of opium and their derivatives; salts thereof:
  - **2939.11** - Concentrates of poppy straw; buprenorphine (INN), codeine, dihydrocodeine (INN), ethylmorphine, etorphine (INN), heroin, hydrocodone (INN), hydromorphone (INN), morphine, nicomorphine (INN), oxycodone (INN), oxymorphone (INN), pholcodine (INN), thebacon (INN) and thebaine; salts thereof
  - **2939.19** - Other
- Alkaloids of cinchona and their derivatives; salts thereof
  - **2939.20** - Caffeine and its salts
  - Ephedrines and their salts:
    - **2939.41** - Ephedrine and its salts
    - **2939.42** - Pseudoephedrine (INN) and its salts
    - **2939.43** - Cathine (INN) and its salts
    - **2939.49** - Other
    - Theophylline and aminophylline (theophylline-ethylenediamine) and their derivatives; salts thereof:
      - **2939.51** - Fenetylline (INN) and its salts
      - **2939.59** - Other
      - Alkaloids of rye ergot and their derivatives; salts thereof:
        - **2939.61** - Ergometrine (INN) and its salts
        - **2939.62** - Ergotamine (INN) and its salts
        - **2939.63** - Lysergic acid and its salts
        - **2939.69** - Other
| 2939.91 | - Other:  
  | 2939.91 | -- Cocaine, ecgonine, levometamfetamine, metamfetamine (INN), metamfetamine racemate; salts, esters and other derivatives thereof  
  | 2939.99 | -- Other  

XIII.- OTHER ORGANIC COMPOUNDS

| 29.40 | 2940.00 | Sugars, chemically pure, other than sucrose, lactose, maltose, glucose and fructose; sugar ethers, sugar acetals and sugar esters, and their salts, other than products of heading 29.37, 29.38 or 29.39.

| 29.41 | Antibiotics.  
  | 2941.10 | - Penicillins and their derivatives with a penicillanic acid structure; salts thereof  
  | 2941.20 | - Streptomycins and their derivatives; salts thereof  
  | 2941.30 | - Tetracyclines and their derivatives; salts thereof  
  | 2941.40 | - Chloramphenicol and its derivatives; salts thereof  
  | 2941.50 | - Erythromycin and its derivatives; salts thereof  
  | 2941.90 | - Other  

| 29.42 | 2942.00 | Other organic compounds.  

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