



WORLD CUSTOMS ORGANIZATION
ORGANISATION MONDIALE DES DOUANES

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TARIFF AND TRADE AFFAIRS
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HARMONIZED SYSTEM
CLASSIFICATION OPINIONS
(English text)

AMENDING SUPPLEMENT No. 23

FEBRUARY 1999

Note : The following amendments adopted by the Harmonized System Committee at its 22nd Session (Doc. 42.750) have been approved under the procedure laid down in Article 8.2 of the Convention (see Docs. 42.823 and NC0005).

These amendments will be inserted in the Compendium of Classification Opinions by substituting an amended version of the relevant pages.

AMENDMENTS TO THE COMPENDIUM OF CLASSIFICATION OPINIONS

Page 1.

Classification Opinion 0405.20/1 :

Delete cross reference to Opinion 2106.90/18.

(Doc. 42.750/K/2)

Page 3a.

Insert the following Classification Opinions :

"**2106.90** 20. **Aloe vera tablets**, put up for retail sale in a container of plastics (e.g., 60 tablets), consisting of 3 % aloe vera powder (containing 0.11 % aloin) and excipients : calcium hydrogen phosphate, purified talc, magnesium stearate, hypromellose and propylene glycol. Used as a nutritional supplement, it is claimed in the product packaging or literature to help build resistance to the common cold and to give relief from stomach disorders such as constipation and indigestion."

"**2202.90** 2. **Aloe vera gel** in the form of a liquid, put up for retail sale in a container of plastics (e.g., 1 litre), based on aloe vera gel as the main ingredient and containing additives such as sorbitol, ascorbic acid, citric acid, potassium sorbate, sodium benzoate, papain, xanthan gum and tocopherol. It is used as a health drink (between 60 and 120 ml twice daily) and it is claimed in the product packaging or literature to have effect against cholesterol, asthma, ulcers, constipation, cold, indigestion, diarrhoea, etc."

"**2202.90** 3. **Aloe vera drinking gel - pure** in the form of a liquid, put up for retail sale in a container of plastics (e.g., 1 litre), containing 99.7 % pure aloe vera gel and small amounts of sodium benzoate, potassium sorbate and citric acid. It is used as a health drink (25 to 50 ml daily) and helps to provide a wide range of vitamins, minerals, enzymes and amino acids; it is claimed in the product packaging or literature to help build resistance to the common cold and to give relief from stomach disorders such as constipation and indigestion."

(Doc. 42.750/K/10)

Page 3a.

Insert the following Classification Opinion :

- "**2202.90** 4. **Aqueous electrolyte solution**, put up for retail sale in a container of plastics (e.g., 250 ml), containing dextrose, fructose, fruit flavours, potassium citrate, sodium chloride, colouring matter and water, intended to be used in measured doses, without any further preparation or dilution, for babies and children to restore fluids and minerals lost during diarrhoea or vomiting."
(Doc. 42.750/K/11)

Page 10.

Insert the following Classification Opinion :

- "**3102.40** 1. **Nitrogenous fertiliser**, in the form of granules, consisting mainly of ammonium nitrate mixed with small amounts of calcium magnesium carbonate (having the function of a stabiliser and an anti-caking agent), magnesium nitrate (stabiliser) and water, presented in 50 kg bags."
(Doc. 42.750/K/12)

Page 13.

Insert the following Classification Opinion :

- "**3820.00** 1. **Concentrate of anti-freezing fluid** consisting essentially of ethyl alcohol and water mixed with small amounts of anionic surface-active agent, methyl ethyl ketone, colouring matter and, depending upon the formulation, monoethylene glycol; it is intended for windscreen defrosting or windscreen cleaning after dilution with water.
Application of GIR 3 (c)."
(Doc. 42.750/K/13)

Page 13a.

Insert the following Classification Opinion :

- "**3824.90** 10. **Natural calcium bentonite mixed with small amounts (1 % to 4 % by weight) of sodium carbonate (soda ash)**, which, when treated with water at the time of use, undergoes an ion-exchange transformation from calcium bentonite to sodium bentonite, the latter being preferred for applications requiring high swelling capacity in water (e.g., oil-well drilling muds, cement slurries for oil-well casings, etc.)."
(Doc. 42.750/K/14)

Page 25.

Insert the following Classification Opinion :

- "7117.19 2. **"Pins" (pin badges)** consisting of small brass plates of various shapes with a pin at the back secured by a clip for affixing them to clothing. The badges bear logos, illustrations or printed text (e.g., slogans)."

(Doc. 42.750/K/16)

Page 29.

Insert the following Classification Opinion :

- "7326.90 6. **Key holder**, of steel, consisting of a ring (22 mm in diameter) with a clasp to hold keys, attached by a chain (20 mm long) to a small case of plastics containing three small screwdrivers (54 mm long)."

(Doc. 42.750/K/16)

Page 32.

Insert the following Classification Opinion :

- "8421.21 1. **Composite apparatus for treatment of water** consisting of two filters (a pre-filter and a carbon filter), an ionizer and a control device, fitted on a common base. In this apparatus, the water passes through the pre-filter which removes sediment; the sediment-free water then passes through the carbon filter which removes chlorine, bacteria and odours; the treated water then undergoes ionization to separate the positive and the negative ions.

Application of Note 3 to Section XVI."

(Doc. 42.750/K/17)

Page 34.

Insert the following Classification Opinion :

- "8471.49 1. **Personal computer** consisting of a combination of three separate units : a 14" (35 cm) colour television receiver (display) with a digital processing unit, a keyboard (input unit), and an infra-red remote control device. The first unit comprises a processor (80486DX2), a memory (4 Mb RAM), a diskette drive (1.44 Mb), a hard disk (350 Mb), a CD-ROM drive, a colour monitor television receiver, non-interlaced in PC mode and interlaced in TV mode, and stereophonic loudspeakers. The different functions (PC, television or "soundstack") are selected by using either a trackball incorporated in the keyboard, the keyboard itself or the infra-red remote control device. The system also plays audio and software CDs and records digital audio files.

Application of Note 3 to Section XVI."

(Doc. 42.750/K/1)

Page 34.

Insert the following Classification Opinion :

- "8471.80** 1. **Cryptographic processor** containing a Data Encryption Standard (DES) encryption algorithm, which is connected as a peripheral device to one or more automatic data processing machines from which it receives commands to perform pre-programmed operations. Its function is to provide the necessary data security functions (e.g., authentication and encryption) which would otherwise have to be performed by software loaded onto the host automatic data processing machine; this eliminates the need for storage of certain security data bases in the automatic data processing machine(s). The functions of the apparatus are controlled by firmware (a chip containing a programme) installed in the product at the manufacturing process. The apparatus has an RS 232C physical interface to an automatic data processing machine. With suitable modification of the firmware, it can be used in various financial institutions for purposes such as generating the cryptographic values used in credit or debit cards or for providing data security in financial transactions."

(Doc. 42.750/K/18)

Page 38.

Insert the following Classification Opinion :

- "8509.10** 1. **Dry and wet vacuum cleaning machine** consisting of a power unit (electric motor) and a water basin, mounted on a base with adjustable castors. To perform various functions, it is presented with accessories, such as a set of nozzles, brushes and an upholstery tool for vacuuming, a special hose and sprayer assembly for spraying liquid solutions (e.g., insecticides) and an inflator nozzle. The bottom of the machine also contains a high speed centrifuge which, if a few drops of fragrance are put into the water, permits the machine to disperse home fragrance or air freshener. The water also acts as a filter for collecting both dust and other impurities.

Application of Note 3 to Section XVI."

(Doc. 42.750/K/19)

Insert the following Classification Opinions :

- "8517.50 1. **Apparatus for linking an automatic data processing machine to a telephone line.** It converts digital automatic data processing machine signals into analogue signals, and vice versa, thus permitting communication with another automatic data processing machine through the telephone line system. This apparatus enables an automatic data processing machine, combined with a scanner and a printer, to send and receive faxes. It also incorporates a microphone and a speaker and can be used as a hands-free telephone.

See also Opinions 8517.50/2 and 8517.50/3.

- 8517.50 2. **Apparatus for linking an automatic data processing machine to a telephone line.** It converts digital automatic data processing machine signals into other digital signals to be transmitted through the Integrated Services Digital Network (ISDN), and vice versa, thus permitting communication with another automatic data processing machine through the ISDN telephone line system. It also incorporates two analogue ports for connecting a telephone, a fax machine or a modem.

See also Opinions 8517.50/1 and 8517.50/3.

- 8517.50 3. **Card designed to be inserted into an automatic data processing machine** (slot-in card). This card converts digital automatic data processing machine signals into analogue signals, and vice versa, thus permitting communication with another automatic data processing machine through the telephone line system. It also enables the automatic data processing machine to send and receive faxes and e-mail, permitting those operations to be achieved even via a cellular (mobile) telephone.

See also Opinions 8517.50/1 and 8517.50/2."

(Doc. 42.750/K/20)

Page 39.

Insert the following Classification Opinion :

"**8525.40** 1. **Digital still camera** fitted with a Charge Coupled Device (CCD) and based on video camera recorder technology. It records, processes and stores images in digital format. It features a built-in, high-resolution, 1.8" colour LCD screen that is used as a viewfinder when shooting images and as a monitor when viewing recorded or uploaded images. The semiconductor memory of the apparatus holds up to 96 colour still images. The images can be transferred to an automatic data processing machine by means of an optional accessory package for viewing and storing on an automatic data processing machine. For this purpose it has been designed with built-in digital input and output connection ports. It is also designed with a connection port for video cables so that the images can be transferred directly to a TV or a VCR. It can also deliver its stored images to labels by connecting to a label printer specifically designed for use with the digital camera."

(Doc. 42.750/K/21)

Page 40a.

Insert the following Classification Opinion :

"**8543.89** 5. **Modular system for physical vapour deposition of metal on semiconductor wafers**, forming a whole and consisting essentially of a deposition module fitted with a magnetron, a turbomolecular vacuum pump, a robotic handling device, and a heating device. Once a wafer has entered the deposition chamber, a target disk of high-purity metal, e.g., aluminium, is bombarded with ions produced from argon gas (introduced into the chamber via a gas distribution system). This causes particles of metal to be removed from its surface and deposited onto the wafer ("sputtering"). The action of the gas hitting the target disk causes neutral (uncharged) atoms of metal to be "dislodged" from the target by the kinetic (physical) force of the bombarding ions. Once these atoms are "dislodged", they are deposited on the wafer to form a thin film of conductive material.

The system is used for coating semiconductor wafers used in the production of complex integrated circuits.

Application of Note 3 to Section XVI."

(Doc. 42.750/K/22)

Page 41.

Insert the following Classification Opinions :

- "8702.10 or 8702.90** 1. **Van type motor vehicle** (monocoque body type having a chassis-body framework and a single enclosed space for the transport of both persons and goods) powered by a compression ignition engine of a cylinder capacity of 2,380 cc or by a spark-ignition engine of a cylinder capacity of 1,994 cc, and having window side panels only, a sliding door on one side, a lift-up rear door with window and three or four benches (part of the benches can be folded away to allow passengers to pass) behind the front seats. It can transport twelve or fifteen people, including the driver, and has a small space at the back of the passenger compartment for the transport of goods. The vehicle is often referred to as a "minibus" and has a well-finished interior (e.g., upholstered seats or benches and decorative wall panels)."

(Doc. 42.750/K/23)

Page 41.

Insert the following Classification Opinion :

- "8703.21** 1. **Four-wheeled (two wheel-driven) All Terrain Vehicle** ("A.T.V.") with tube chassis, equipped with a motorcycle type saddle, handlebars for steering and off-the-road balloon tyres. Steering is achieved by turning the two front wheels and is based on a motor-car type steering system (Ackerman principle). The vehicle is fitted with an automatic transmission with reverse gear, chain-driven rear axle, and front and rear drum brakes. It is powered by a four-stroke single cylinder engine of a cylinder capacity of 124 cc. It is not fitted with cargo racks or with a trailer hitch."

(Doc. 42.750/K/24)

Page 41.

Insert the following Classification Opinions :

- "8703.32** 1. **Van type motor vehicle** (monocoque body type having a chassis-body framework and a single enclosed space for the transport of both persons and goods) powered by a compression ignition engine of a cylinder capacity of 2,299 cc and having window side panels (for the passenger area (dual-purpose area)) and closed side panels (for the cargo area), a sliding door on one side, a lift-up rear door with window and a non-collapsible bench behind the front seats. Behind the bench is a loading space, which is separated from the passenger area by a removable partition (metal plate in the lower part and grill in the upper part). A panel of plywood is placed on the floor to provide a flat floor in the cargo area and the rear part of the passenger area (dual-purpose area). The panel has openings for mounting the bench on anchor points in the passenger area (dual-purpose area). There is no anchor point in the cargo area. The total load capacity (cargo and persons, excluding the driver) is 945 kg. The vehicle has a well-finished interior (e.g., upholstered seats or benches with headrests and decorative wall panels).
- 8703.32** 2. **Van type motor vehicle** (monocoque body type having a chassis-body framework and a single enclosed space for the transport of both persons and goods) powered by a compression ignition engine of a cylinder capacity of 2,270 cc and having window side panels only, a sliding door on one or both sides, a lift-up rear door with window and a collapsible bench for three persons behind the front seats. Behind the bench is a loading space. A partition in the form of a grill to protect the driver and the passengers has been fixed to the side walls directly behind the bench. There is no anchor point for additional seats or benches in the cargo area. The total load capacity (without persons) is 1,000 kg when the bench is not collapsed and 1,250 kg when it is collapsed. The vehicle has a well-finished interior (e.g., upholstered seats or benches with headrests and decorative wall panels).
- 8703.33** 1. On-road or off-road **motor vehicle** with compression ignition engine of a cylinder capacity of 2,874 cc, two doors, a rear door with window, two foldable front seats, anchor points for a rear bench and provisions for the installation of seat belts, ashtrays and armrests in the area behind the front seats. The rear panels have window-shaped PVC sheets. The vehicle has a GVW of 2,410 kg, a load capacity of 500 kg and a net weight of 1,780 kg."

(Doc. 42.750/K/23)

Page 43.

Insert the following Classification Opinions :

- "9027.30 1. Atomic absorption spectrometer**, consisting of an analysis device which, under the control of an external automatic data processing machine, measures the spectroscopy of various substances by means of atomic absorption. The analysis device uses optical radiations of the wavelength range 185 - 900 nm (UV, visible). This device is presented together with an automatic data processing machine and a CD-ROM (special software) which are used for controlling the analysis device and processing the data obtained from the analysis.

The analysis device must be connected to the automatic data processing machine, since all its operations are performed in conformity with the instructions given by the automatic data processing machine, e.g., measurement mode, sampling mode, etc. The results from the analysis are communicated to the automatic data processing machine, which converts them into a spectrograph and intelligible data for further use (e.g., for quantitative analysis). The CD-ROM is classified separately in heading **85.24**.

Application of Note 4 to Section XVI, Note 3 to Chapter 90 and Note 6 to Chapter 85.

See also Classification Opinion 9027.30/2.

- 9027.30 2. Atomic absorption spectrometer**, consisting of an analysis device which, in the form of a stand-alone, keyboard-controlled unit with built-in LCD display, measures the spectroscopy of various substances by means of atomic absorption. The analysis device uses optical radiation of the wavelength range 185 - 900 nm (UV, visible).

The analysis device is presented together with an automatic data processing machine (in the form of a system) and a CD-ROM (special software) which are used for upgrading the functions of the analysis device. Being capable of carrying out the analysis by itself, the analysis device is merely connected to the automatic data processing machine in order to have the controlling of its operation and the processing of its results upgraded from a stand-alone, keyboard-controlled unit to an automatic data processing machine controlled flame or furnace system for automated multi-element analysis. The automatic data processing machine and the software are classified separately in subheading **8471.49** and heading **85.24**, respectively.

Application of Note 1 (m) to Section XVI, Note 5 (E) to Chapter 84 and Note 6 to Chapter 85.

See also Classification Opinion 9027.30/1."

(Doc. 42.750/K/25)

Page 49b.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
"2106.90	20	42.750/F/1	"TRU-ALO® - Aloe Vera Tablets"
"2202.90	2	42.750/F/1	"Forever Living® - Aloe Vera Gel"
	3	42.750/F/1	"TRU-ALO® - Aloe Vera Drinking Gel - Pure".

(Doc. 42.750/K/10)

Page 49b.

Insert the following references :

Column 1	Column 2	Column 3	Column 4	Column 5
"2202.90	4	42.750/F/ 2	"Pedialyte®)"	
			ORAL ELECTROLYTE MAINTENANCE SOLUTION	
			Each 100 ml contains :	
			Dextrose	2 g
			Fructose.....	510 mg
			Fruit flavours.....	250 mg
			Potassium citrate.....	237 mg
			Sodium chloride.....	214 mg
			Colouring matter.....	2 mg
			Water	".

(Doc. 42.750/K/11)

Page 52 b.

Insert the following references :

Column 1	Column 2	Column 3	Column 4	Column 5
"3102.40	1	42.750/F/3	Product examined :	
			Ammonium nitrate.....	94.16
			Calcium magnesium carbonate (dolomite).....	2.36

Magnesium nitrate.....	2.28
Water.....	1.20".

(Doc. 42.750/K/12)

Page 55.

Insert the following references :

Column 1	Column 2	Column 3	Column 4	Column 5
"3820.00	1	42.750/F/4	"Rozmrazovac - 80 °C" : First example :	
			Ethyl alcohol.....	83.6
			"Laurylan N-28" (anionic surface- active agent).....	0.5
			Methyl ethyl ketone.....	0.18
			Colouring matter (PR3).....	0.001
			Water.....	to 100
			Second example :	
			Ethyl alcohol.....	83.6
			"Laurylan N-28" (anionic surface- active agent).....	0.5
			Methyl ethyl ketone.....	0.18
			Colouring matter (PR3).....	0.001
			Monoethylene glycol.....	1.1
			Water.....	to 100".

(Doc. 42.750/K/13)

Page 55a.

Insert the following references :

Column 1	Column 2	Column 3	Column 4	Column 5
"3824.90	10	42.750/F/5	"Hydrocol 2D6" :	
			Calcium bentonite.....	96
			Sodium carbonate (soda ash)	4
			"Hydrocol O" :	
			Calcium bentonite.....	99
			Sodium carbonate	

(soda ash)..... 1".

(Doc. 42.750/K/14)

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Page 60.

Insert the following references :

Column 1	Column 2	Column 3	
"7117.19	2	42.750/F/7".	(Doc. 42.750/K/16)

Page 62.

Insert the following references :

Column 1	Column 2	Column 3	
"7326.90	6	42.750/F/7".	(Doc. 42.750/K/16)

Page 63.

Insert the following references :

Column 1	Column 2	Column 3	Column 4	
"8421.21	1	42.750/F/8	"Pure Ion Ionizer"".	(Doc. 42.750/K/17)

Page 64.

Insert the following references :

Column 1	Column 2	Column 3	Column 4	
"8471.49	1	42.750/G/6	"PCTV"".	(Doc. 42.750/K/1)

Page 64.

Insert the following references :

Column 1	Column 2	Column 3	Column 4	
"8471.80	1	42.750/F/9	"RG7400 Host Security Module"".	

(Doc. 42.750/K/18)

Page 66.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
"8509.10	1	42.750/F/10	"Rainbow Cleaning System" .

(Doc. 42.750/K/19)

Page 66.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
"8517.50	1	42.750/F/11	"Pace 56 voice" "Ultralink terminal adapter" "Gold card global" .
	2	42.750/F/11	
	3	42.750/F/11	

(Doc. 42.750/K/20)

Page 66.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
"8525.40	1	42.750/F/12	"LCD Digital Camera QV-10" .

(Doc. 42.750/K/21)

Page 67.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
"8543.89	5	42.750/F/13	"M 2000 Sputtering System" .

(Doc. 42.750/K/22)

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Page 67.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
" 8702.10 or 8702.90	1	42.750/F/14	"Isuzu WFR "Microbus" (Doc. 42.750/K/23)

Page 67.

Insert the following reference :

Column 1	Column 2	Column 3	Column 4
"8703.21	1	42.750/F/15	"Yamaha BREEZE YFA 1" . (Doc. 42.750/K/24)

Page 67.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
"8703.32	1	42.750/F/14	"Mercedes-Benz Vito 110 D (5-seater version)"
	2	42.750/F/14	"Toyota Hiace LH 113"
8703.33	1	42.750/F/14	"Ssangyong Korando 602EL Van" . (Doc. 42.750/K/23)

Page 68.

Insert the following references :

Column 1	Column 2	Column 3	Column 4
"9027.30	1	42.750/F/16	Varian Spectr AA series "110", "220" and "880" Varian Spectr AA series "50/55" . (Doc. 42.750/K/25)
	2	42.750/F/16	
