



World Customs Organization
Organisation mondiale des douanes



بنام خدا :

فهرست واکسن های شاخص و بحرانی covid-19 و وسایل و تجهیزات پزشکی مربوط به آن:

این فهرست مشترک در نتیجه تلاش مشترک سازمان جهانی گمرک و سازمان تجارت جهانی و سایر سازمانها معرفی شده در جدول فراهم شده است.

برای ساده سازی عملکرد زنجیره های تأمین جهانی و تسهیل تجارت فرامرزی لوازم پزشکی COVID-19 ، به طور فعال سازمان بهداشت جهانی WTO و سازمان تجارت جهانی ، WHO و سازمان جهانی گمرک WCO و سایر سازمان های بین المللی در زمینه همه گیری این بیماری همکاری کرده اند. این تلاش مشترک نتایج ارزشمندی در زمینه های مختلف به همراه داشته است که از جمله آنها می توان به تهیه راهنمایی برای تسهیل جابجایی فرامرزی تجهیزات حیاتی پزشکی تولید . توزیع . استفاده . اشاره کرد ، از طریق طبقه بندی HS برای داروهای حیاتی ، واکسن ها و تجهیزات پزشکی مرتبط .

این تلاش ، WCO ادامه همکاری با WTO برای تهیه فهرست مشترک مشتمل بر واکسنهای مهم واکسن COVID-19 است که در 13 ژوئیه 2021 صادر شده است ، میباشد . موارد موجود در لیست از طریق همکاری سازمان OECD ، WCO ، WTO ، تولید کنندگان واکسن و سایر سازمان ها فراهم شده است . که در انتهای جدول زیر مشخص شده است.

سازمان تجارت جهانی مسئولیت انتشار این فهرست را بر عهده گرفته است تا اطلاعات جامعی را در مورد ورودی های مهم تولید ، ذخیره ، توزیع و مدیریت واکسن های COVID-19 که توسط چندین سازمان با هدف بهبود نظارت و تسهیل تولید و جابجایی مرزی فراهم شده است را ارائه دهد . این لیست شامل طبقه بندی های HS تحت نسخه HS 2017 برای ورودی های مهم واکسن ، همراه با توضیحات هر محصول و نام واکسن هایی است که از محصول استفاده می کنند.

اولین بار این مهم توسط دبیرخانه سازمان تجارت جهانی به عنوان یک سند کاری برای تسهیل در بحث سمپوزیوم زنجیره تامین واکسن و شفافیت نظارتی سازمان تجارت جهانی WTO که در 29 ژوئن 2021 برگزار شد ، گردآوری شد. برای انتشار ، سازمان جهانی گمرک WCO تلاش زیادی در جهت طبقه بندی و ارائه این طبقه بندی ها و توضیحات محصولات موجود در لیست ارائه داده است.

لیست ورودی های واکسن COVID-19 به طور گسترده ای توسط جامعه تجاری و دارویی و همچنین دولت ها درخواست شده است و به شناسایی و نظارت بر حرکت برون مرزی ورودی های مهم واکسن کمک می کند و در نهایت به پایان همه گیری و سلامت عمومی و حفاظت افراد کمک می کند. این فهرست 83 ورودی واکسن مهم را شامل می شود که شامل واکسن های مبتنی بر اسید نوکلئیک mRNA به عنوان مواد فعال ، انواع مختلف غیرفعال و سایر مواد ، مواد مصرفی ، تجهیزات ، بسته بندی و سایر محصولات مرتبط با کد 6 رقمی HS آنها است. به فعالان اقتصادی توصیه می شود در رابطه با طبقه بندی در سطوح داخلی (7 رقمی یا بیشتر) یا در صورت مغایرت با محصول خود به این لیست ، با اداره گمرک مربوطه منطقه خود مشورت کنند.

فهرست مشترک واکسن های شاخص و بحرانی COVID-19 ووسائل تجهیزات مربوط به آن :

از اداره گمرک و سایر ذینفعان دعوت می شود تا اطلاعات مربوط به موارد اضافی که در لیست ذکر نشده اند را برای به روزرسانی بعدی از طریق ایمیل زیر به اشتراک بگذارند: hs@wcoomd.org .

۲۰ مرداد ۱۴۰۰

ناصر کردوانی نسب

بندر بوشهر ۰۹۱۷۷۷۱۰۹۳۶

Joint Indicative List of Critical COVID-19 Vaccine Inputs for Consultation (Version 1.0)

Date of this version: 7 July 2021

Note:

The joint indicative list seeks to compile information on the critical inputs for the manufacturing, distributing and administering of COVID-19 vaccines that has been produced by several organizations. It was first compiled by the WTO Secretariat as a working document to facilitate discussions at the WTO COVID-19 Vaccine Supply Chain and Regulatory Transparency Symposium that took place on 29 June 2021. The list is purely indicative and subject to further clarification, modification, and improvement based on inputs by pharma and customs experts. It is based on the HS 2017 version and is without prejudice to the actual tariff classification assigned by WTO Members' customs administrations at the time of importation. The list has no legal status and is without prejudice to the rights and obligations of WTO Members.

Disclaimer:

The information concerning the possible Harmonized System (HS) classification of the products in the list is based on an assessment by the WCO Secretariat of the probable classification. However, it has not at this stage been endorsed by the WCO Harmonized System Committee and hence is not official advice. Nothing in this document should be interpreted as an endorsement of the legal HS classification of these products by any of the contributors. With a view to minimizing regulatory and financial risk, operators are strongly encouraged to contact the Customs Administration of the importing country with a view to determining the specific classification of the products in question including, but not limited to, the use of advance rulings.

Living list:

If you would like to provide additional inputs or refer to any additional publication with relevant information concerning COVID-19 vaccine inputs, please contact Mr Dayong YU (Dayong.Yu@wto.org) and Mr Eric NG SHING (Eric.NgShing@wto.org).

Contributors:

Asian Development Bank (ADB), Chad Bown & Chris Rogers, Coalition for Epidemic Preparedness Innovations (CEPI), DHL, OECD, Covid-19 vaccine manufacturers, WCO, and WTO.

Other sources (publications):

WCO:	HS classification reference for vaccines and related supplies and equipment
OECD:	Using trade to fight COVID-19: Manufacturing and distributing vaccines
Bown & Rogers:	The US did not ban exports of vaccine supplies. But more help is needed
Evenett et al.:	The Covid-19 Vaccine Production Club - Simon J. Evenett

ID	Category	Sub-category	Product	Additional information	Most likely HS2017 classification	Comments	Sources/Contributors	Classifications mentioned by sources
1	1. Vaccine manufacturing	1.1 Active ingredients	Nucleoside-modified mRNA encoding the viral spike (S) glycoprotein of SARS-CoV-2.	Of Pfizer-BioNTech, Moderna; Plasmid DNA used to manufacture the mRNA and the mRNA Drug Substance.	300220	These active products were described as mRNA nucleic acid-based vaccines that introduce an antigen-specific immunity into the body. The WCO HS Committee decided to classify all mRNA stemmed substances that encode for a specific protein of the pathogen contained in INN List 124 Covid-19 (Special Edition) in subheading 3002.20 as vaccines. (Note: this classification does not apply to mRNA that is not encoded to act as a vaccine - usually 2934.99)	Manufacturers' information, WCO, WTO	
2	1. Vaccine manufacturing	1.1 Active ingredients	Recombinant, replication incompetent Ad26 vector, encoding a stabilized variant of the SARS-CoV-2 Spike (S) protein	Of Janssen	300220		Manufacturers' information, WCO, WTO	

ID	Category	Sub-category	Product	Additional information	Most likely HS2017 classification	Comments	Sources/Contributors	Classifications mentioned by sources
3	1. Vaccine manufacturing	1.1 Active ingredients	Recombinant, replication-deficient chimpanzee adenovirus vector encoding the SARS CoV 2 Spike (S) glycoprotein. Produced in genetically modified human embryonic kidney (HEK) 293 cells.	Of AstraZeneca	300220		Manufacturers' information, WCO, WTO	
4	1. Vaccine manufacturing	1.2 Inactive ingredients	2[(polyethylene glycol)-2000]-N, N-ditetradecylacetamide	Of Pfizer-BioNTech		Subject to more information as to whether the product could satisfy the conditions stipulated in Note 3 to Chapter 34 (Organic surface active agents)	Evenett et al., WTO	390720
5	1. Vaccine manufacturing	1.2 Inactive ingredients	PEG2000-DMG: 1,2-dimyristoyl-rac-glycerol, methoxypolyethylene glycol	Of Moderna			Evenett et al., WTO	390720
6	1. Vaccine manufacturing	1.2 Inactive ingredients	1,2-distearoyl-sn-glycero-3-phosphocholine	Of Pfizer-BioNTech	292320		Evenett et al., Manufacturers' information, OECD, WCO, WTO	
7	1. Vaccine manufacturing	1.2 Inactive ingredients	SM-102: heptadecane-9-yl 8-[(2-hydroxyethyl) (6-oxo-6-(undecyloxy) hexyl) amino] octanoate	Of Moderna	292250		Evenett et al., Manufacturers' information, OECD, WCO, WTO	
8	1. Vaccine manufacturing	1.2 Inactive ingredients	(4-hydroxybutyl)azanediy]bis(hexane-6,1-diyl]bis(2-hexyldecanoate)	Of Pfizer-BioNTech and Moderna	292250		Manufacturers' information, WCO, WTO	
9	1. Vaccine manufacturing	1.2 Inactive ingredients	Cholesterol	Of Pfizer-BioNTech and Moderna	290613		Evenett et al., OECD, WCO, WTO	
10	1. Vaccine manufacturing	1.2 Inactive ingredients	Sodium chloride	Of Pfizer-BioNTech, Janssen and AstraZeneca	250100		Evenett et al., OECD, WCO, WTO	
4	1. Vaccine manufacturing	1.2 Inactive ingredients	Monobasic potassium phosphate	Of Pfizer-BioNTech	283524		OECD, WCO, WTO	
12	1. Vaccine manufacturing	1.2 Inactive ingredients	Potassium chloride	Of Pfizer-BioNTech	310420		OECD, WCO, WTO	
13	1. Vaccine manufacturing	1.2 Inactive ingredients	Dibasic sodium phosphate dihydrate	Of Pfizer-BioNTech	283522		Evenett et al., OECD, WCO, WTO	
14	1. Vaccine manufacturing	1.2 Inactive ingredients	Chemically pure sucrose, in solid form	Of Pfizer-BioNTech, Moderna and AstraZeneca	170199		OECD, WCO, WTO	
15	1. Vaccine manufacturing	1.2 Inactive ingredients	Water for injection	Of Pfizer-BioNTech, AstraZeneca and Janssen	285390		WCO, WTO	
16	1. Vaccine manufacturing	1.2 Inactive ingredients	Tromethamine; Tromethamine hydrochloride	Of Moderna	292219		Evenett et al., OECD, WCO, WTO	
17	1. Vaccine manufacturing	1.2 Inactive ingredients	Acetic acid	Of Moderna	291521		Evenett et al., OECD, WCO, WTO	
18	1. Vaccine manufacturing	1.2 Inactive ingredients	Sodium acetate	Of Moderna	291529		Evenett et al., OECD, WCO, WTO	
19	1. Vaccine manufacturing	1.2 Inactive ingredients	Polysorbate-80	Of Janssen and AstraZeneca	340213		Evenett et al., OECD, WCO, WTO	
20	1. Vaccine manufacturing	1.2 Inactive ingredients	2-hydroxypropyl-β-cyclodextrin	Of Janssen	350510		OECD, WCO, WTO	
21	1. Vaccine manufacturing	1.2 Inactive ingredients	Citric acid monohydrate	Of Janssen	291814		OECD, WCO, WTO	
22	1. Vaccine manufacturing	1.2 Inactive ingredients	Trisodium citrate dihydrate	Of Janssen	291815		OECD, WCO, WTO	

23	1. Vaccine manufacturing	1.2 Inactive ingredients	Ethanol	Of Janssen and AstraZeneca	220710		OECD, WCO, WTO	
24	1. Vaccine manufacturing	1.2 Inactive ingredients	Sodium hydroxide, solid	Of Janssen	281511		OECD, WCO, WTO	
25	1. Vaccine manufacturing	1.2 Inactive ingredients	Sodium hydroxide, in aqueous solution (soda lye or liquid soda)	Of Janssen	281512		OECD, WCO, WTO	
26	1. Vaccine manufacturing	1.2 Inactive ingredients	Hydrochloric acid	Of Janssen	280610		OECD, WCO, WTO	
27	1. Vaccine manufacturing	1.2 Inactive ingredients	L-Histidine; L-Histidine hydrochloride monohydrate	Of AstraZeneca	293329		Evenett et al., OECD, WCO, WTO	

ID	Category	Sub-category	Product	Additional information	Most likely HS2017 classification	Comments	Sources/Contributors	Classifications mentioned by sources
28	1. Vaccine manufacturing	1.2 Inactive ingredients	Magnesium chloride hexahydrate	Of AstraZeneca	282731		Evenett et al., OECD, WCO, WTO	
29	1. Vaccine manufacturing	1.2 Inactive ingredients	Disodium edetate dihydrate	Of AstraZeneca	292249		Evenett et al., OECD, WCO, WTO	
30	1. Vaccine manufacturing	1.3 Other ingredients	Thimerosal	Preservatives - to prevent contamination	285210		OECD, WCO	
31	1. Vaccine manufacturing	1.3 Other ingredients	Aluminium salts (alum)	Adjuvants - to help stimulate a stronger immune response	283330		OECD, WCO	
32	1. Vaccine manufacturing	1.3 Other ingredients	Sorbitol	Stabilizers - to keep the vaccine potent during transportation and storage	290544		Bown & Rogers, OECD, WCO, WTO	
33	1. Vaccine manufacturing	1.3 Other ingredients	Formaldehyde	Inactivating ingredients - to kill viruses or inactivate toxins	291211		OECD, WCO	
34	1. Vaccine manufacturing	1.3 Other ingredients	Neomycin	Antibiotics - to prevent contamination by bacteria	294190		Bown & Rogers, OECD, WCO, WTO	
35	1. Vaccine manufacturing	1.3 Other ingredients	Potassium chloride (in bulk)		310420	Note 4 (ii) to Chapter 31 directs	Evenett et al., WCO	
36	1. Vaccine manufacturing	1.3 Other ingredients	Monobasic potassium phosphate		283524	Assumed pure. Hence separate chemically defined substance not specified in Notes 2 (a), 3 (a), 4 (a) or 5 to Chapter 31 and hence	Evenett et al., WCO	

35	1. Vaccine manufacturing	1.3 Other ingredients	Potassium chloride (in bulk)		310420	Note 4 (ii) to Chapter 31 directs	Evenett et al., WCO	
36	1. Vaccine manufacturing	1.3 Other ingredients	Monobasic potassium phosphate		283524	Assumed pure. Hence separate chemically defined substance not specified in Notes 2 (a), 3 (a), 4 (a) or 5 to Chapter 31 and hence excluded by Note 1 (b) to Chapter 31.	Evenett et al., WCO	
37	1. Vaccine manufacturing	1.3 Other ingredients	Enzymes used in the manufacturing process	Raw material for mRNA vaccines	350790		Bown & Rogers, Manufacturers' information, WCO, WTO	
38	1. Vaccine manufacturing	1.3 Other ingredients	Gelatin	Excipients - For preservation, stabilization or products used to increase the immune response of the vaccine	350300		ADB, WCO, WTO	
39	1. Vaccine manufacturing	1.3 Other ingredients	Emulsifiers	Emulsification - To help the water and oil based ingredients stay together		More information is needed for classification	ADB	
40	1. Vaccine manufacturing	1.3 Other ingredients	Yeast Protein	Used in recombinant DNA technology for vaccine manufacturing		If protein isolates from yeast, heading 3504, - but if autolysed yeast, yeast extracts, or protein concentrates then heading 2106, needs form information.	ADB	
41	1. Vaccine manufacturing	1.4 Consumables	Single-use bioreactor bags	Disposable bioreactor bag for cultivation, used for e.g. cell culture and fermentation	392690		CEPI, OECD, WCO, WTO	

						needs form information.		
41	1. Vaccine manufacturing	1.4 Consumables	Single-use bioreactor bags	Disposable bioreactor bag for cultivation, used for e.g. cell culture and fermentation	392690		CEPI, OECD, WCO, WTO	
42	1. Vaccine manufacturing	1.4 Consumables	Liquid storage bags, of polymers of ethylene		392321		CEPI, WCO, WTO	
43	1. Vaccine manufacturing	1.4 Consumables	Liquid storage bags, of other plastics		392329		CEPI, WCO, WTO	
44	1. Vaccine manufacturing	1.4 Consumables	Erlenmeyer flasks, of fused quartz or other fused silica		701710		CEPI, Evenett et al., WCO, WTO	
45	1. Vaccine manufacturing	1.4 Consumables	Erlenmeyer flasks, of other glass having a linear coefficient of expansion not exceeding 5 x 10 ⁻⁶ per Kelvin within a temperature range of 0 °C to 300 °C		701720		CEPI, Evenett et al., WCO, WTO	
46	1. Vaccine manufacturing	1.4 Consumables	Erlenmeyer flasks, of other glass		701790		CEPI, Evenett et al., WCO, WTO	

ID	Category	Sub-category	Product	Additional information	Most likely HS2017 classification	Comments	Sources/Contributors	Classifications mentioned by sources
47	1. Vaccine manufacturing	1.4 Consumables	Cell culture media	Prepared culture media for the development or maintenance of micro-organisms (including viruses and the like) or of plant, human or animal cells	382100		CEPI, OECD, WCO, WTO	
48	1. Vaccine manufacturing	1.4 Consumables	PETG sterile bottle		392330		CEPI, WCO, WTO	
49	1. Vaccine manufacturing	1.4 Consumables	Reagents, reagent packs, and laboratory kits		382200		Bown & Rogers, Evenett et al., OECD, WCO, WTO	
50	1. Vaccine manufacturing	1.4 Consumables	Sterile connector, of plastic		391740		Bown & Rogers, WCO, WTO	
51	1. Vaccine manufacturing	1.4 Consumables	Vaccine vial monitor, of paper, printed		482110		Bown & Rogers, WCO, WTO	
52	1. Vaccine manufacturing	1.4 Consumables	Vaccine vial monitor, of paper, not printed		482190		Bown & Rogers, WCO, WTO	

53	1. Vaccine manufacturing	1.4 Consumables	Plastic bag with inbuilt filter for the sterile filtration, storage and transfer of biopharmaceutical fluids, of polymers of ethylene		392321	The proposed classification will apply if the plastic bag gives the essential character to the product in terms of GIR 3 (b). Classification should be confirmed with administration of importing country.	Bown & Rogers, WCO, WTO	
54	1. Vaccine manufacturing	1.4 Consumables	Plastic bag with inbuilt filter for the sterile filtration, storage and transfer of biopharmaceutical fluids, of other polymers		392329		Bown & Rogers, WCO, WTO	
55	1. Vaccine manufacturing	1.4 Consumables	Microporous plastic membrane materials incorporated in a housing		842129	Note that this heading does not cover simple filter media. Filter blocks of paper pulp fall in heading 48.12 and that many other filtering elements (ceramics,	CEPI, WCO, WTO	
56	1. Vaccine manufacturing	1.4 Consumables	Filters for fluids		842129		Bown & Rogers, WCO, WTO	
57	1. Vaccine manufacturing	1.4 Consumables	Filters and tubing, single-use assemblies consisting of plastic components that are used in diverse bioprocessing steps		842129	Provided the essential character is that of a filter	CEPI, OECD, WCO, WTO	
58	1. Vaccine manufacturing	1.4 Consumables	Single-use assemblies			More information is needed for classification	CEPI, WTO	
59	1. Vaccine manufacturing	1.5 Equipment	Bioreactor (biological reactor), with thermal control mechanism	Bioreactor for biopharmaceutical cell culture	841989		WCO, WTO	
60	1. Vaccine manufacturing	1.5 Equipment	Bioreactor (biological reactor), fitted with mechanical devices but no heating or cooling (including not being a double walled system for circulating heating or cooling fluid)	Bioreactor for biopharmaceutical cell culture	847989		OECD, WCO, WTO	

			circulating heating or cooling fluid)					
61	1. Vaccine manufacturing	1.5 Equipment	Medical, surgical or laboratory sterilisers		841920		Bown & Rogers, OECD, WCO, WTO	
62	1. Vaccine manufacturing	1.5 Equipment	Machinery for filling, closing, sealing, or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers		842230		Bown & Rogers, WCO, WTO	
63	1. Vaccine manufacturing	1.5 Equipment	Microfluid and nanofluid mixers	Specific type of equipment for producing lipid nanoparticles (LNPs)	847982		OECD, WCO, WTO	
64	1. Vaccine manufacturing	1.5 Equipment	Incubating shakers		847982		Bown & Rogers, WCO, WTO	
65	1. Vaccine manufacturing	1.5 Equipment	Chromatography system		902720		Bown & Rogers, WCO, WTO	

ID	Category	Sub-category	Product	Additional information	Most likely HS2017 classification	Comments	Sources/Contributors	Classifications mentioned by sources
66	1. Vaccine manufacturing	1.5 Equipment	Part of chromatography equipment		902790	Classification in other subheadings also possible	Bown & Rogers, WCO, WTO	
67	1. Vaccine manufacturing	1.5 Equipment	Regulating or controlling instruments and apparatus, excluding thermostats, manostats and hydraulic or pneumatic instruments		903289		Bown & Rogers, WCO, WTO	
68	1. Vaccine manufacturing	1.6 Packaging	Vials	Serum bottles, vials, and other pharmaceutical containers of glass	701090		OECD, WCO, WTO	
69	1. Vaccine manufacturing	1.6 Packaging	Metal crimp seals for glass vials		830990		Manufacturers' information, WCO, WTO	
70	1. Vaccine manufacturing	1.6 Packaging	Stoppers, of vulcanised rubber (excluding hard rubber)		401699		OECD, WCO, WTO	
71	2. Vaccine storage and distribution		Cold boxes of plastics		392310	Excludes those with Section XVI features	OECD, WCO, WTO	
72	2. Vaccine storage and distribution		Freezers of the chest type, not exceeding 800 l capacity		841830		WCO, WTO	
73	2. Vaccine storage		Freezers of the upright type, not exceeding 900		841840		OECD, WCO, WTO	

74	2. Vaccine storage and distribution	Dry ice		281121		OECD, WCO, WTO	
75	2. Vaccine storage and distribution	Ultra Low Temperature Freezers			More information is needed for classification	ADB, Bown & Rogers, WTO	841869
76	3. Vaccine administration	Adhesive dressings and other articles having an adhesive layer	Adhesive bandages put on the injected area after injection.	300510		WCO, WTO	
77	3. Vaccine administration	Nitrile Glove (surgical)		401511		WCO, WTO	
78	3. Vaccine administration	Nitrile Glove (other)		401519		Evenett et al., WCO, WTO	
79	3. Vaccine administration	Syringes		901831		Evenett et al., OECD, WCO, WTO	
80	3. Vaccine administration	Needles, of metal		901832		OECD, WCO, WTO	
81	3. Vaccine administration	Alcohol solution	Denatured ethyl alcohol, of any strength	220720		WCO	
82	3. Vaccine administration	Alcohol solution	Undenatured, 70% ethyl alcohol	220890		WCO	
83	3. Vaccine administration	Ultra-violet irradiation equipment for disinfection purpose		854370		WCO	