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class (the primary class and possible subsidiary classes)Identification number (the UN number)Packing group, or the infectious substance category for biohazardous substancesand, if applicable, the subsidiary class(es) Back to top Use all three schedules as listed in the TDG Regulations. 1. Determine the shipping name. Check if the product name or chemical technical name is listed in Schedule 1 or Schedule 3. If the product's name is listed only in Schedule 3, use the UN number from Column 3 in this schedule to look up the product in Schedule 1. Use the descriptive text written in lowercase letters following a shipping name (see the examples for UN2789 and UN2790 below) to determine the shipping name that most precisely describes the dangerous goods. See the extracted data from Schedule 3 below for "Gasoline" and "Acetic acid solutions."Column 1AColumn 1BColumn 2Column 3Column 4Shipping and or Technical NameAppellation réglementaire et/ou techniqueClass or DivisionUN NumberMarine PollutantGASOLINEESSENCE3UN1203GASOLINEACETIC ACID SOLUTION, not less than 50% but not more than 80% acid, by massACIDE ACETIQUE EN SOLUTION contenant au moins 50 % mais au maximum 80 % (masse) d'acide8UN2790 ACETIC ACID SOLUTION, more than 80% acid, by massACIDE ACETIQUE EN SOLUTION contenant plus de 80 % (masse) d'acide8UN2789 2. Determine the other classification elements (i.e., class, packing group, etc.)If the product's name is listed in Schedule 1 or you located it by using the listed UN Number in Schedule 3, use the shipping name and its corresponding data (UN number, class, packing group/category) from that row. The data below is an example showing UN1203, GASOLINE. See the extracted data below from Schedule 1 for gasoline, and the acetic acid solutions.Col.1UN NumberCol.2Shipping Name and DescriptionCol.3ClassCol.4Packing Group / CategoryCol.5Special ProvisionsCol.6aExplosive Limit and Limited Quantity IndexCol.6bExcepted QuantitiesCol.7ERAP IndexCol.8Passenger Carrying Vessel IndexCol.9Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle IndexUN1203GASOLINE; MOTOR SPIRIT; orPETROL3II8898150 30LE2-100L5UN2789UN1337ACETIC ACID, GLACIAL;orACETIC ACID SOLUTION, more than 80% acid, by massNITROSTARCH, WETTED with not less than 20% water, by mass8(3A,IIII-E2E03 00075ForbiddenII1 kgUN2790ACETIC ACID SOLUTION, not less than 50% but not more than 80% acid, by mass8(1-1LE2-1 LFor example, based on the above information from Schedule 1, we have the following data for the classification elements for UN1203:SHIPPING NAME (in Column 2 of Schedule 1): GASOLINE, MOTOR SPIRIT, or PETROL (when selecting the shipping name, you can use one of the three listed names, such as "gasoline")The Class (in Column 3 of Schedule 1): 3Identification Number (in Column 1 of Schedule 1): UN1203Packing Group (in Column 4 of Schedule 1): IIColumn 3 in Schedules 1 and column 2 in Schedule 3 will also indicate if a dangerous good is forbidden by all routes of transportation. Schedule 1 also includes information if transportation of a dangerous good is forbidden by a specific route of transportation (e.g., marine vessel/water). Examples of such products are:UN1096 SIGNALS, SMOKE which is not allowed to be transported on a shipCHLORINE DIOXIDE hydrate, frozen or not hydrated are examples of products that are forbidden by all routes of transportation as indicated in Schedule 3 with an entry of Forbidden in Column 2 - Primary Class. Note that these types of products do not have a UN Number.UN0196 SIGNALS, SMOKE which is not allowed to be transported on a Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle.3. If the product is not listed by a specific name in Schedule 1 or 3, check if it meets any of the criteria for the hazard classes in Part 2 - Classification. Laboratory tests are required for pure substances, solutions, and mixtures. When test results and the hazard class criteria are compared, there are three possible conclusions:a) The laboratory test results show the product does not meet any of the criteria for the hazard classes. In this case, the product is not TDG regulated and the product does not need to comply with the TDG Regulations.b) The laboratory test results show the product falls into one class and one packing group. See Section 2.4. Consult Schedule 3 for a shipping name that most precisely describes the dangerous goods as follows: First check if the substance's formal chemical name or synonyms, or article's specific name, are listed in Schedule 3. If present, use the corresponding UN number in Schedule 1 to determine the shipping name and its corresponding data (UN number, class, packing group/category) in Schedule 1 to assign the classification to the dangerous good. Note that the data for the classification elements in Schedule 1 for the selected shipping name and that from the laboratory must match, and the shipping name's descriptive text accurately describes the dangerous good. For example: UN1090, Acetone, Class 3 Packing Group II and UN2789, ACETIC ACID SOLUTION, more than 80% acid, by mass Class 8(3) Packing Group II.If there are several UN numbers associated with the shipping name, select the UN Number that the laboratory data matches the classification criteria for the classification elements and the shipping name's descriptive text. See above for the two UN numbers that are listed for Acetic acid solutions. If more than one packing group appears for a shipping name (e.g., UN1987 ALCOHOLS, N.O.S.), select the packing group that matches the laboratory data most closely with the classification criteria for the class or division.If the substance's or article's specific names or synonym names are NOT listed on Schedule 3, then select the shipping names based on the hierarchical order listed below that match the dangerous good's laboratory data with the classification criteria for the shipping name's classification elements and descriptive text.I. Check for generic entry names for well defined group of substances by usage (e.g., adhesives, perfumeries, pesticides, peroxides) that matches the laboratory data. For example, UN1133, ADHESIVES Class 3 Packing Group III. If there are no generic entry names for defined group of substances by usage, check for particular chemical family name or technical nature (e.g., nitrates, hypochlorites, alcohols, etc.) that matches the laboratory data. For example, UN1987, ALCOHOLS N.O.S. Class 3 Packing group II.III. In absence of generic names for defined groups of substances or chemical family names technical nature, select a name that represents the hazard of the class (e.g., (e.g., self-reactive, oxidizing, toxic, etc.) or division and that matches the laboratory data. For example: UN1993, FLAMMABLE LIQUID, N.O.S. Class 3 Packing Group III.c) The laboratory test results show the product falls into more than one class or packing group. See Section 2.5. Determine the primary class, subsidiary class(es) and packing group by using section 2.8 - Precedence of Classes in Part 2. Classification. Consult Schedule 3 for the shipping name that most precisely describes the dangerous goods. Use the shipping name and its corresponding data (UN number, class, packing group/category) in Schedule 1 to assign the classification to the dangerous good. For example: UN3086, TOXIC SOLID, OXIDIZING, N.O.S. Class 6.1 (5.1) Packing Group I(Note: when there are several options for a shipping name, the shipping name should be assigned in a hierarchical order (described further below). Back to top Shipping name is the name of the dangerous good as it appears in column 2 of Schedule 1. There may be occasions when several different shipping names can be used. Generally, the shipping name should be selected in the following hierarchical order:Specific chemical name (e.g., acetone, sulfuric acid, etc.)Substance or product usage (e.g., pesticide, adhesive, fuel, etc.)Chemical family name (e.g., alcohol, ketone, etc.)Product usage (e.g., pesticide, adhesive, fuel, etc.)Generic hazard/risk followed by N.O.S. (e.g., flammable, toxic, etc.)When the shipping name is not a specific name such as a family name, then these shipping names are followed by N.O.S. N.O.S. means Not Otherwise Specified. It is used for dangerous goods that do not have a specific entry by name in Schedule 1. For example:Norbornene or Bicyclo[2.2.1]hept-2-ene (formal chemical name) is not specifically listed in Schedule 3. So, the next step is to check if there is a shipping name based on usage. This substance is not part of a well-defined group of substances for a particular usage or family group in the TDG Regulations. Thus, a shipping name is selected based on the generic hazard. This product could be shipped as UN1325, Flammable solid, organic, N.O.S. Back to top Solutions or Mixtures: When a solution or a mixture consists of one dangerous good mixed with non-dangerous goods (e.g., water) and the properties for the solution are the same as for the pure substance, the shipping name of the pure substance is followed by the word "solution" or "mixture" as applicable. The concentration of the solution or mixture may be included. Example: ETHANOL SOLUTION with more than 24% ethanol, by volume (UN1170).Product mixture or solution that consists of multiple dangerous goods: If there is no specific name for the mixture or solution in Schedule 1, then the shipping name is determined according to the hierarchical order below that most precisely describes the mixture or solution. In addition, the technical name of the most dangerous substance needs to be provided in brackets as required in Special Provision 16 in Schedule 2. Special provisions are specified in Column 5 of Schedule 1.Chemical family name followed by N.O.S. (e.g., alcohol, ketone, etc.)Generic hazard/risk followed by N.O.S. (e.g., flammable, toxic, etc.)For example: Both gasoline and diesel are listed by their name in Schedule 1. However, if these two substances were mixed, the resulting mixture or solution of these two products would still be regulated as a dangerous good. The mixture could no longer be described as "Gasoline" or "Diesel" since it would no longer have a specific name in Schedule 1 or 3. A mixture that consists of 80% gasoline and 20% diesel will be assigned to the following shipping name: FLAMMABLE LIQUID, N.O.S. (gasoline), which is based on a Class 3 flammability hazard/risk.Definition for a mixture - a product that contains two or more ingredients.Definition for a solution - When the ingredients in a mixture are completely dissolved. For example: the mixture is liquid and homogeneous and the ingredients will not separate (e.g., no visible solids or two different phases such as you would observe when oil and water are mixed).Wastes: If the product is a waste, then the shipping name is either preceded or followed by the word "waste" if the text "waste" is not already part of the shipping name. Examples: COTTON WASTE, OILY (UN1364), or REGULATED MEDICAL WASTE, N.O.S. (UN3291) Back to top The following variations of the listed shipping name are allowed: It can be written in the singular or the plural.It can be written with or without punctuation marks.It can include any descriptive text associated with the shipping name in column 2 of Schedule 1.If the person writes the shipping name with the descriptive text associated with that shipping name and the descriptive text includes a concentration range, the person may write, instead of the concentration range, the actual concentration of the dangerous goods.It can be spelled in the same manner as it is spelled in 49 CFR, the UN Recommendations, the ICAO Technical Instructions or the IMDG Code.It can be written in upper- or lower-case letters.It can be written in a different word order if the word order does not change the meaning of the shipping name.It can include the qualifying words "stabilized" and "temperature controlled" provided:These words are not already part of the shipping name.The dangerous goods are not "self-reactive" or "organic peroxides", andFor safety reasons, the dangerous goods must be stabilized, or temperature controlled when transported. Back to top If the product's name (e.g., chemical name) is listed in Schedule 1 or 3, the primary hazard class is listed in Column 3 of Schedule 1 as well as in Column 2 of Schedule 3 for that shipping name. However, if the product's name is not listed in Schedule 1 or 3, then the product must be tested at a laboratory. Once the material has been tested at a laboratory, the test results are compared to the classification criteria in Part 2. Your product may meet the criteria for one or more of the following nine TDG hazard classes:Class 1 ExplosivesClass 2 GasesClass 3 Flammable LiquidsClass 4 Substances/Products include: Flammable Solids; Substances Liable to Spontaneous Combustion; Substances That on Contact with Water Emit Flammable Gases (Water-reactive Substances)Class 5 Oxidizing Substances, including Organic PeroxidesClass 6 Toxic and Infectious SubstancesClass 7 Radioactive MaterialsClass 8 Corrosive SubstancesClass 9 Miscellaneous Products, Substances or OrganismsIf your product meets the criteria for several hazard classes, the primary class must be determined. The primary class of dangerous goods is the hazard class that poses the highest hazard and takes precedence over any other class that poses a lower hazard. It is determined according to the specification in section 2.8 and the "Precedence of Classes Table," which is provided in Part 2.The class posing a lower hazard will be identified as a subsidiary class. More than one subsidiary class is possible. Subsidiary classes are provided in brackets and are only listed in Column 3 of Schedule 1 (not Schedule 3). For example, "UN3518 ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S." has three hazard classes assigned to it in Column 3 of Schedule 1. These are the primary class, 2.3, and two subsidiary hazard classes, 5.1 and 8.SCHEDULE 1Col.1UNNumberCol.2Shipping Name and DescriptionCol.3ClassCol.4Packing Group / CategoryCol.5Special ProvisionsCol.6aExplosive Limit and Limited Quantity IndexCol.6bExcepted QuantitiesCol.7ERAP IndexCol.8Passenger Carrying Vessel IndexCol.9Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle IndexUN3518ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S2.3 (5.1) (8) 1623390E02ForbiddenForbidden Back to top Once you have determined the shipping name for the dangerous good in Schedule 3 then look up the UN number in Column 1 of Schedule 1 (see above). If the product's name (e.g., chemical name) is listed in Schedule 1 or 3 then the primary class is in Column 3 of Schedule 1 and in Column 2 of Schedule 3 for that shipping name. However, if the product's name is not listed in Schedule 1 or 3, then the product must be tested at a laboratory. Back to top It depends on the professional assessment of the patient's specimen, which is based on medical history. See Transport Canada publication "Classification of patient specimens." Back to top Yes. Subsection 2.2(4) and Parts 9 and 10 of the TDG Regulations authorize you to use the classification from the:International Civil Aviation Organization (ICAO) Technical Instructions for the transport of dangerous goods by air;International Maritime Dangerous Goods (IMDG) Code for the transport of dangerous goods by ship orCode of Federal Regulations (49 CFR) (U.S. Regulations) for the transportation of dangerous goods by road. Note: The NA numbers in the 49 CFR are not permitted in Canada. Back to top Many substances in Schedule 1 are assigned one or more packing groups. See Column 4 in Schedule 1. The packing group for a dangerous good is determined by using the laboratory test data and comparing it to the criteria in Part 2. For example, if you have a product for which you determined that the shipping name will be "FLAMMABLE LIQUID, N.O.S. (gasoline)," and the laboratory provided the following test result:Initial boiling point is greater than 35°C at an absolute pressure of 101.3 kPaFlashpoint[Using this data and comparing it to that in Section 2.19, it is determined that this dangerous good needs to be assigned to Packing Group II. Back to top The compatibility group is only assigned for explosives. Consequently, the compatibility group will be already assigned by Natural Resources Canada. Information on compatibility groups is provided in Appendix 2 of Part 2 in the TDG Regulations. Back to top Information on how to do the assignment is provided in Section 2.36 of Part 2. Meanwhile, the actual assigned category is obtained from Appendix 3 in Part 2. Back to top The classification or shipping description is reported in the following order as per Part 3.5:(i) the UN number,(ii) the shipping name and, immediately after the shipping name unless it is already part of it,(a) for dangerous goods that are subject to special provision 16, the technical name, in parentheses, of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods, and(b) for a liquefied petroleum gas that has not been odorized, the words "Not Odourized" or "Not Odorized" or "Sans odorisant", (iii) the primary class, which may be shown as a number only or under the heading "Class" or "Classe" or following the word "Class" or "Classe",(iv) for dangerous goods with a primary class of Class 1, Explosives, the compatibility group letter following the primary class,(v) the subsidiary class or classes, in parentheses, which may be shown as a number only or under the heading "subsidiary class" or "classe subsidiaire" or following the words "subsidiary class" or "classe subsidiaire", except that, for transport by aircraft or by ship, the subsidiary class or classes may be shown after the information required by this paragraph,(vi) the packing group roman numeral, which may be shown under the heading "PG" or "GE" or following the letters "PG" or "GE" or following the words "Packing Group" or "Groupe d'emballage", and(vii) for dangerous goods that are subject to special provision 23, the words "toxic by inhalation" or "toxic - inhalation hazard" or "toxique - inhalation hazard" or "toxicité par inhalation";Note that a dangerous good description will only include the requirements that are listed above that apply to it. So, if temperature control is not required for a dangerous good that is being transported then this information is not included. However, the order of information must be as presented above. Examples of classification descriptions of dangerous goods are:UN1203, GASOLINE, 3, IICUN1203, GASOLINE, Class 3, IICUN1214, ISOBUTYLAMINE, Class 3, Subsidiary Class (8), IICUN1214, ISOBUTYLAMINE, Class 3(8), Packing Group IICUN3381, TOXIC BY INHALATION LIQUID, N.O.S., Class 6.1 PG IUN 1075 LIQUEFIED PETROLEUM GASES (propane); Not odourized, Class 2.1UN 2902 PESTICIDE, LIQUID, TOXIC, N.O.S. (draxoxolon) Class 6.1UN 1993 WASTE FLAMMABLE LIQUID, N.O.S. (toluene and ethyl alcohol), 3, IIC Back to top As per subsection 11.1(1) of the TDG Regulations, the IMDG Code must be consulted for international transport by ship.For transport from the United States into Canada by road vehicle or railway vehicle, the shipping name used must be one that is recognized in Schedule 1 of the TDG Regulations or in the UN Recommendations.The ICAO Technical Instructions, as well as Part 12, Air, of the TDG Regulations, must be consulted for all shipments by air. Fact sheet last revised: 2024-04-09

- <http://koquannengshen.com/userfiles/file/1752876797.pdf>
- bhagavad gita chapter 2 meaning in tamil
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