



# Rules and Regulations for Rates and Acceptance of Intermodal Traffic

## **CN 6800**


CN 6800-T Effective May 13, 2024

## Legend

 Pricing Change

 Price Decrease

 Price Increase

 Text Change

 New Item

 Policy Change

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# Acceptance of Containers

## Conditions Governing Acceptance of Containers

Item 1000



1. Approval to ship in specialized equipment, including, but not limited to, any intermodal unit which does not meet AAR specification M-930 or ISO 1496 standards, such as containers less than 8 feet 6 inches high, containers less than 20 feet long, and flat racks and open top containers longer than 40 feet, must be obtained prior to shipping. Please direct requests to: [LoadPlan@cn.ca](mailto:LoadPlan@cn.ca)
2. Containers will be handled provided they are equipped with fastening devices compatible with the carrier's equipment. Any intermodal unit with a net weight exceeding 55,000 lbs. (20-foot container) and 65,000 lbs. (40 foot or higher container) will not be accepted for transportation by CN.
3. Containers measuring no more than 8 feet 6 inches in width - complying with Association of American Railroad's (AAR) regulations - will be accepted for transportation on intermodal trains.
4. Containers (flat racks or open tops) measuring no more than 9 feet 6 inches in height - complying with AAR regulations will be accepted for transportation on intermodal trains. When containers and/or contents exceed 9 feet 6 inches in height and require circuitous movement or specialized truck chassis between the carrier's container terminal and shipper's and/or consignee's premises, actual cost will be assessed provided the carrier could supply the equipment and perform delivery.
5. Loaded closed containers must be waterproof with tightly fitting side and/or end doors equipped with secure fastening and sealing devices, and when delivered to the carrier all doors shall be securely fastened, having seals affixed and properly applied through the seal bracket slot on the door locking mechanism. Consignee must remove locks provided by Shipper – the carrier assumes no liability for return of locks.
6. Open containers must be provided with canvass or tarpaulin covers. Shippers must ensure that canvass, tarpaulin or similar covers used in conjunction with open containers are securely attached in compliance with rules under AAR Circular 43-G (or any re-issues thereof).
7. Platform containers will only be handled when the end corners can be reached with extension cables and are not obstructed by the contents. These containers will be subject to charges, terms, and conditions other than applicable on container traffic.
8. Identifying marks and numbers, gross carrying capacity, tare weight and net carrying capacity must be stenciled on containers in accordance with AAR M930 and ISO 6346 specifications.
9. Contents must be loaded in accordance with the AAR Intermodal Loading Guide issued February 2024, AAR Circular 43 (latest edition) and supplements thereto. If specific loading requirements appear not to be covered in the AAR Intermodal Loading Guide, customers must work with CN's Shipment Quality team to produce acceptable loading and securement procedures for safe transit on CN rail lines. AAR loading rules can be found at <https://aar.com/standards/IntermodalLoadingPublications.php>
10. Where the carrier provides pick-up or delivery of the container at shipper's/consignee's premises, the container must be readily accessible. No collection or delivery will be performed if the gross weight of the loaded container on chassis exceeds the governing highway weight restrictions. (Within the United States, the gross weight of trailers shall not exceed 65,000 lbs.).

11. Shipping documents or written instructions covering disposal of empty containers at destination must be made available to the carrier prior to acceptance of the loaded container at the port of entry. Any applicable charge will be the responsibility of the party delivering the loaded container to the carrier. If the shipper specifies charges are to be collected from the consignee and consignee refuses to pay, then the shipper must pay these charges and absolve the carrier from all responsibility for delay in the return of the empty container
12. Prepaid charges will be collected only from the person or company shown as shipper on the rail bill of lading. Collect charges will be assessed to the person or company shown as consignee on the rail bill of lading.
13. Notification will be made to only one party per shipment.
14. A CN offer to transport a unit is subject to availability of appropriate equipment, which will be determined by CN at the time a unit is requested or tendered to CN.
15. In the event that a customer-requested equipment type cannot be supplied, CN may offer, or supply, alternative equipment types. The use of an alternative equipment type will be deemed acceptance of this offer. Traffic will be rated based upon the type of equipment supplied and used and you may be assessed a rate that is higher or lower than that associated with the equipment ordered.
16. CN reserves the right to refuse containers or intermodal equipment deemed unfit for service. Equipment tendered for shipment with CN must meet the AAR Manual of Standards and Recommended Practices, Intermodal Manual Specification M-930 for Domestic containers, or ISO 1496 for marine containers in effect at the time of manufacture. Repairs performed on intermodal equipment must be performed in compliance to the AAR Intermodal Interchange Rules including Billing and Repair Procedures document in effect at the time of the repair. In addition, equipment manufactured to AAR M-930 specifications must be less than 18 years of age at the time of transport unless otherwise authorized as specialized equipment. This age restriction does not apply to marine containers designed, manufactured, and tested to ISO 1496 standards. Equipment deemed unfit for service will not be moved and will be subject to a fee under the Optional Services Intermodal Tariff CN 9100 in effect at the time of the event. Transloading into a safe container may be required at the payor of freight's expenses. Otherwise, shippers will be required to immediately remove equipment deemed unfit for service from CN property. Storage charges will apply.
17. Flexitanks, bladder bags, or flexibags: please see Item 1200, Flexitank Acceptance Policy.
18. Carrier reserves the right to reject any Shipper equipment from intermodal service in order not to jeopardize the safety and/or practical transport of same unit in intermodal service.
19. Acceptance for interline shipment will have to be by concurrence with any connecting carrier and by compliance with their policies, as well as the policies herein.
20. International law requires that every shipper of containerized cargo to be loaded in water, being imported, or exported, comply with the cargo information requirements of the Safety of Life at Sea Convention ("SOLAS"), Chapter VI, Part A, Regulation 2. In accordance with SOLAS, the shipper shall have the exclusive responsibility to verify and provide the verified gross mass (VGM) of any packed/loaded containers tendered for shipment and shall ensure that the VGM declared on the shipping document has been determined in accordance with the requirements of SOLAS and is accurate. The shipper, its agent or subcontractor shall indemnify and hold CN harmless for any claims, fees or damages incurred and related, directly or indirectly, to the absence or the inaccuracy of the VGM data for any packed/loaded container tendered by or on behalf of the shipper for transport by CN.

## ISO Tank Containers (20 and 40 foot)

## Item 1100

A tank container is any tank used for bulk transportation without a permanently affixed undercarriage which may be mounted on a chassis. Identifying marks and numbers must be plainly visible on each container.

Tank containers loaded with liquid commodities are subject to the requirements listed in rule 8 of the latest revision of the AAR Intermodal Interchange document, and must comply with the following specifications:

- Must be loaded to a minimum of 80 percent of rated capacity of tank; or loaded to less than 20%, and
- The center of gravity of a loaded tank container on a chassis must not exceed 76 inches above the bottom of the tires.

Tanks exceeding 7,000 U.S. liquid gallons capacity must be equipped with baffles so that no section exceeds 1,200 U.S. liquid gallons in capacity or 120 united inches in length, and each baffle must have an area not less than 80 percent of the area of the tank.

## Temperature-Controlled Containers

## Item 1150

In addition to other requirements noted in this tariff, customer-owned equipment must meet the following standards:

1. Portable heaters are prohibited. CN will not knowingly accept equipment containing portable heaters.
2. Fuel tanks for running temperature-controlled equipment may only contain diesel fuel. Equipment with a broken or missing fuel tank cap will not be accepted.
3. Fuel gauges, temperature gauges, and thermostatic controls, when present, must be visible and readable for inspections that may be conducted while the equipment is on a railcar.
4. Temperature-controlled equipment must be in good working order, and adequately fueled as applicable.
5. Containers containing temperature-controlled devices must be a standard width, length, and height that will allow the Containers to be loaded onto railcars suitable for transport of intermodal units over CN's rail lines.
6. For safety, and to minimize damage to surrounding containers, the exhaust vents on the temperature-control devices must be directed towards the side of the unit – not vertically. Customers will be responsible and liable for any and all damages caused by a vertically oriented exhaust vent. This includes all related equipment damages, cargo damages, train and operational delays, and recovery costs. In addition, the Customer will be liable for all fines as may be assessed by CN or other affected authorities.



Shippers using Flexitanks for the shipment of liquids in containers must comply with the following conditions. For any questions regarding the shipment or approval of Flexitanks, or about the commodity review process, please email [loadplan@cn.ca](mailto:loadplan@cn.ca).

1. Before being used for shipment on CN, a Flexitank must have successfully completed testing at MXV Rail (AAR)
2. Additional testing may be required, such as a yard handling test or field test shipments. CN will advise if such tests are required, and any expenses will be the responsibility of the shipper/Flexitank manufacturer.
3. The names of the current AAR-approved Flexitanks can be found at the following web link: <https://aar.com/standards/IntermodalLoadingPublications.php>. Approvals are granted on a 5-year basis and must be renewed prior to expiration.
4. Any change in the design, specifications, or capacity of a Flexitank must be approved by MxV (AAR) before being used for shipment. Any design changes to the end-door protection, wear liner, or Flexitank construction must be reviewed by MxV (AAR) prior to changes being accepted for shipment
5. Flexitanks must be shipped in the containers they are designed for, and all manufacturer's installation instructions must be followed.
6. Containers used with Flexitanks must be less than 7 years old and have a minimum gross weight rating of 30,480 kg (67,197 lbs.).
7. Flexitanks cannot be used for shipping more than 24,000 liters of liquid. The Flexitank must be completely filled with product to minimize surge during transit and manufacturers' instructions for installation and use must be followed.
8. DILBITS (diluted bitumen) of any kind are not accepted and cannot be shipped in flexitanks.
9. Commodities classified as Hazardous Materials in the United States and Dangerous Goods for the purpose of Canada's Transportation of Dangerous Goods Act are not accepted and cannot be shipped in flexitanks.
10. Commodities must be approved by both the Flexitank manufacturer and by CN Please contact [loadplan@cn.ca](mailto:loadplan@cn.ca) before shipping.
11. Any change in the design, specifications, or capacity of a Flexitank must be approved by CN before being used for shipment. Any design changes to the end-door protection, wear liner, or Flexitank construction must be reviewed by CN prior to changes being accepted for shipment.
12. Containers must be properly affixed with High Visibility Signage readable by crane operators and parties handling these units. Such signage will clearly indicate that container is equipped with a Flexitank. Signs must be placed on nose, sidewalls, and end doors of container between 5 and 7 feet measured from the bottom edge of the container. The emergency contact phone number must be indicated on the signs.
13. Empty containers or units not loaded with Flexitanks, which display Flexitank signage, cause extra work at terminals. Accordingly, the consignee or its agent is responsible for removing the High Visibility Signage at the time of removing the empty Flexitank from the container.


14. Commodity and container must be identified on the bill of lading. Emergency response information must also be included on the waybill.
15. The bill of lading must identify the shipment with the proper Standard Transportation Commodity Code (STCC). The shipper CANNOT use a "Freight All Kinds" (FAK) commodity code for product description. The Package Type Code must be FLX.
16. Prior to tendering for shipment any load in a Flexitank, a current Certificate of Insurance must be provided to CN evidencing insurance coverage in an amount of not less than \$5 Million securing the obligations set forth in this policy including liability and indemnification protection in case of an accident involving any manufacturer's Flexitank product.
17. In the event of any Flexitank deficiency, CN may discontinue handling these devices.
18. When requested, Flexitank manufacturers must provide training respecting the proper handling of Flexitanks in containers to CN employees or agents.
19. Transportation of Flexitanks in containers is also subject to CN Tariff 6800 supplements thereto and reissues thereof.
20. Acceptance for interline shipment will have to be by concurrence with any connecting carrier and by compliance with their policies, as well as the policies herein.

### Service Not Provided by the Carrier

### Item 2000

1. The carrier will not supply containers and will not pay or collect any rental charges.
2. No stop-off for partial loading or unloading of container contents will be permitted.
3. The carrier will not perform blocking or bracing of container contents, except as provided by individual intermodal terminals.
4. Packing/unpacking of containers at shipper's or consignee's premises must be performed by shipper, consignee or their agent at their expense and liability.

# Prohibited Commodities

Prohibited Commodities	Item 2050 
<p>The following commodities are prohibited to travel on CN:</p> <ul style="list-style-type: none"><li>• Used electric vehicles</li><li>• Freight likely to contaminate other freight or railway equipment</li><li>• Live creatures, including livestock &amp; poultry</li><li>• House or building sections, modular, factory manufactured, with or without heating, air conditioner, plumbing, electrical wiring and fixtures, refrigerators, stove or cabinets installed</li><li>• Traffic, which due to its nature, cannot be transported in containers</li><li>• Glass, window, plate or laminated, unless owners agree to transportation under owner's risk of breakage</li><li>• Units using propane fuel or portable heaters</li><li>• Used batteries</li><li>• Asbestos</li><li>• Articles of extraordinary value such as bank bills, coins, deeds, drafts, notes or valuable papers of any kind, jewelry, postage stamps or letters, precious metals or articles manufactured there from.</li><li>• Cores or assemblies, or fuel blanket assemblies, nuclear reactor, not irradiated, with non-irradiated fuel as described in Items 30815 and 30816 of UFC.</li><li>• All goods destined to the U.S.A. originating from countries embargoed by the U.S.A.</li><li>• Firearms</li><li>• Ammunition as listed in item 2110.</li><li>• Units containing mail/parcel or less than truckload (LTL) shipments are prohibited in cross border service unless you have prior written authorization from CN.</li><li>• Dangerous goods and hazardous materials – refer to items 2105, 2200 and 5400.</li><li>• Cores or assemblies, or fuel blanket assemblies, nuclear reactor, not irradiated, with non-irradiated fuel as</li></ul>	

described in Items 30815 and 30816 of UFC.

- Units containing mail/parcel or less than truckload (LTL) shipments are prohibited in cross border service unless you have prior written authorization from CN.

The following commodities are prohibited in transborder service:

- Live, or fresh cut, plants and nursery stock
- Personal effects including household & second-hand goods (bric-à-brac) as well as settlers' effects or relief goods
- Used tires
- Used motorized vehicles, such as, but not limited to, used automobiles, motorcycles, motorboats, off-road vehicles.

## Poison/Toxic Inhalation Hazards (PIH/TIH)

## Item 2100

CN will not transport intermodal units loaded with poison/toxic inhalation hazards (PIH/TIH), as listed within this item.

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4921275	METHYLDICHLOROARSINE	1	B	6.1	NA1556
4920530	ORGANIC PHOSPHATE, MIXED WITH COMPRESSED GAS		C	2.3	NA1955
4920535	PARATHION AND COMPRESSED GAS MIXTURE		C	2.3	NA1967
4921211	ISOBUTYL CHLOROFORMATE	1	B	6.1	NA2742
4921207	SEC-BUTYL CHLOROFORMATE	1	B	6.1	NA2742
4921742	ETHYL PHOSPHONOUS DICHLORIDE, ANHYDROUS	1	B	6.1	NA2845
4921008	METHYL PHOSPHONOUS DICHLORIDE	1	B	6.1	NA2845
4921745	ETHYL PHOSPHONOTHIOIC DICHLORIDE, ANHYDROUS	1	B	6.1	NA2927
4921744	ETHYL PHOSPHORODICHLORIDATE	1	B	6.1	NA2927
4920510	GAS IDENTIFICATION SET			2.3	NA9035
4920511	CARBON MONOXIDE, REFRIGERATED LIQUID		D	2.3	NA9202
4921695	METHYL PHOSPHONIC DICHLORIDE	1	B	6.1	NA9206
4921746	CHLOROPIVALOYL CHLORIDE	1	B	6.1	NA9263
4921741	3,5-DICHLORO-2,4,6- TRIFLUOROPYRIDINE	1	B	6.1	NA9264
4921213	TRIMETHOXYSILANE	1	B	6.1	NA9269
4904210	AMMONIA, ANHYDROUS			2.2	UN1005
4904879	AMMONIA, ANHYDROUS			2.2	UN1005
4920359	AMMONIA, ANHYDROUS		D	2.3	UN1005
4920522	BORON TRIFLUORIDE		B	2.3	UN1008

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4920399	CARBON MONOXIDE, COMPRESSED		D	2.3	UN1016
4920523	CHLORINE		B	2.3	UN1017
4920527	COAL GAS, COMPRESSED		C	2.3	UN1023
4920395	CYANOGEN		B	2.3	UN1026
4920353	ETHYLENE OXIDE		D	2.3	UN1040
4920180	FLUORINE, COMPRESSED		A	2.3	UN1045
4920502	HYDROGEN BROMIDE, ANHYDROUS		C	2.3	UN1048
4920503	HYDROGEN CHLORIDE, ANHYDROUS		C	2.3	UN1050
4927014	HYDROGEN CYANIDE, STABILIZED	1	A	6.1	UN1051
4930024	HYDROGEN FLUORIDE, ANHYDROUS	1	C	8	UN1052
4920513	HYDROGEN SULFIDE		B	2.3	UN1053
4920518	METHYL BROMIDE		C	2.3	UN1062
4920355	METHYL MERCAPTAN		C	2.3	UN1064
4920174	DINITROGEN TETROXIDE		A	2.3	UN1067
4920509	NITROSYL CHLORIDE		C	2.3	UN1069
4920344	OIL GAS, COMPRESSED			2.3	UN1071
4920184	PHOSGENE		A	2.3	UN1076
4920508	SULFUR DIOXIDE		C	2.3	UN1079
4920346	TRIFLUOROCHLOROETHYLENE, STABILIZED		C	2.3	UN1082
4927007	ACROLEIN, STABILIZED	1	A	6.1	UN1092
4921019	ALLYL ALCOHOL	1	B	6.1	UN1098
4821019	WASTE ALLYL ALCOHOL	1	B	6.1	UN1098
4921420	ETHYLENE CHLOROHYDRIN	1	B	6.1	UN1135
4921248	CROTONALDEHYDE	1	B	6.1	UN1143
4921202	DIMETHYLHYDRAZINE, UNSYMMETRICAL	1	B	6.1	UN1163
4921020	ETHYL CHLOROFORMATE	1	B	6.1	UN1182
4927006	ETHYLENEIMINE, STABILIZED	1	A	6.1	UN1185
4927008	METHYL CHLOROFORMATE	1	A	6.1	UN1238
4927012	METHYL CHLOROMETHYL ETHER	1	A	6.1	UN1239
4927011	METHYLHYDRAZINE	1	A	6.1	UN1244
4927022	METHYL VINYL KETONE, STABILIZED	1	A	6.1	UN1251
4927010	NICKEL CARBONYL	1	A	6.1	UN1259
4916138	PENTABORANE	1	A	4.2	UN1380
4918180	TETRANITROMETHANE	1		5.1	UN1510
4921463	TETRANITROMETHANE	1	B	6.1	UN1510
4921401	ACETONE CYANOHYDRIN, STABILIZED	1	B	6.1	UN1541
4923209	ARSENIC TRICHLORIDE	1	B	6.1	UN1560
4921727	BROMOACETONE	2	B	6.1	UN1569
4921414	CHLOROPICRIN	1	B	6.1	UN1580
4920516	CHLOROPICRIN AND METHYL BROMIDE MIXTURES		B	2.3	UN1581

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4920547	CHLOROPICRIN AND METHYL BROMIDE MIXTURES		B	2.3	UN1581
4920392	CHLOROPICRIN AND METHYL CHLORIDE MIXTURES		B	2.3	UN1582
4920178	CYANOGEN CHLORIDE, STABILIZED		A	2.3	UN1589
4921405	DIMETHYL SULFATE	1	B	6.1	UN1595
4921497	ETHYLENE DIBROMIDE	1	B	6.1	UN1605
4920515	HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURES		C	2.3	UN1612
4921028	HYDROCYANIC ACID, AQUEOUS SOLUTIONS	1	B	6.1	UN1613
4921438	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURES, LIQUID	1	B	6.1	UN1647
4920112	NITRIC OXIDE, COMPRESSED		A	2.3	UN1660
4921473	PERCHLOROMETHYLMERCAPTAN	1	B	6.1	UN1670
4921587	PHENYLCARBYLAMINE CHLORIDE	1	B	6.1	UN1672
4921558	CHLOROACETONE, STABILIZED	1	B	6.1	UN1695
4923113	ALLYL CHLOROFORMATE	1	B	6.1	UN1722
4920349	BORON TRICHLORIDE		C	2.3	UN1741
4936110	BROMINE	1	A	8	UN1744
4918505	BROMINE PENTAFLUORIDE	1	A	5.1	UN1745
4918507	BROMINE TRIFLUORIDE	1	B	5.1	UN1746
4920352	CHLORINE TRIFLUORIDE		B	2.3	UN1749
4923117	CHLOROACETYL CHLORIDE	1	B	6.1	UN1752
4930204	CHLOROSULFONIC ACID	1	B	8	UN1754
4921016	PHOSPHORUS TRICHLORIDE	1	B	6.1	UN1809
4921437	PHOSPHORUS OXYCHLORIDE	1	B	6.1	UN1810
4932352	PHOSPHORUS OXYCHLORIDE	2		8	UN1810
4930050	SULFUR TRIOXIDE, STABILIZED	1	B	8	UN1829
4930030	SULFURIC ACID, FUMING	1	B	8	UN1831
4830030	WASTE SULFURIC ACID, FUMING	1	B	8	UN1831
4927039	SULFURYL CHLORIDE	1	A	6.1	UN1834
4930260	SULFURYL CHLORIDE	1		8	UN1834
4921462	TITANIUM TETRACHLORIDE	1	B	6.1	UN1838
4932385	TITANIUM TETRACHLORIDE	2		8	UN1838
4920357	SILICON TETRAFLUORIDE		B	2.3	UN1859
4921404	ETHYLDICHLOROARSINE	1	B	6.1	UN1892
4920107	DIBORANE		A	2.3	UN1911
4920379	COMPRESSED GAS, TOXIC FLAMMABLE, N.O.S.		D	2.3	UN1953
4920165	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.		A	2.3	UN1953
4920378	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.		C	2.3	UN1953
4920396	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.		B	2.3	UN1953
4920181	COMPRESSED GAS, TOXIC, N.O.S.		A	2.3	UN1955
4920373	COMPRESSED GAS, TOXIC, N.O.S.		D	2.3	UN1955

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4920375	COMPRESSED GAS, TOXIC, N.O.S.		C	2.3	UN1955
4920570	COMPRESSED GAS, TOXIC, N.O.S.		B	2.3	UN1955
4920550	INSECTICIDE GASES, TOXIC, N.O.S.		C	2.3	UN1967
4920113	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURES		A	2.3	UN1975
4927004	IRON PENTACARBONYL	1	A	6.1	UN1994
4931201	NITRIC ACID, RED FUMING	1	B	8	UN2032
4920504	HYDROGEN CHLORIDE, REFRIGERATED LIQUID		C	2.3	UN2186
4920135	ARSINE		A	2.3	UN2188
4920398	DICHLOROSILANE		B	2.3	UN2189
4920173	OXYGEN DIFLUORIDE, COMPRESSED		A	2.3	UN2190
4920526	SULFURYL FLUORIDE		D	2.3	UN2191
4920354	GERMANE		B	2.3	UN2192
4920106	SELENIUM HEXAFLUORIDE		A	2.3	UN2194
4920188	TELLURIUM HEXAFLUORIDE		A	2.3	UN2195
4920371	TUNGSTEN HEXAFLUORIDE		B	2.3	UN2196
4920348	HYDROGEN IODIDE, ANHYDROUS		C	2.3	UN2197
4920326	PHOSPHORUS PENTAFLUORIDE		B	2.3	UN2198
4920160	PHOSPHINE		A	2.3	UN2199
4920122	HYDROGEN SELENIDE ANHYDROUS		A	2.3	UN2202
4920351	CARBONYL SULFIDE		C	2.3	UN2204
4921402	2-CHLOROETHANAL	1	B	6.1	UN2232
4921004	ALLYLAMINE	1	B	6.1	UN2334
4921413	PHENYL MERCAPTAN	1	B	6.1	UN2337
4921251	DIMETHYLHYDRAZINE, SYMETRICAL	1	B	6.1	UN2382
4921252	ISOPROPYL CHLOROFORMATE	1	B	6.1	UN2407
4920559	CARBONYL FLUORIDE		B	2.3	UN2417
4920187	SULFUR TETRAFLUORIDE		A	2.3	UN2418
4920528	HEXAFLUROACETONE		B	2.3	UN2420
4920175	NITROGEN TRIOXIDE		A	2.3	UN2421
4921063	TRIMETHYLACETYL CHLORIDE	1	B	6.1	UN2438
4935231	TRICHLOROACETYL CHLORIDE	2	B	8	UN2442
4921465	THIOPHOSGENE	1	B	6.1	UN2474
4923298	THIOPHOSGENE	2		6.1	UN2474
4921487	METHYL ISOTHIOCYANATE	1	B	6.1	UN2477
4927009	METHYL ISOCYANATE	1	A	6.1	UN2480
4927035	ETHYL ISOCYANATE	1	A	6.1	UN2481
4927025	N-PROPYL ISOCYANATE	1	A	6.1	UN2482
4909306	ISOPROPYL ISOCYANATE	1		3	UN2483
4927037	ISOPROPYL ISOCYANATE	1	A	6.1	UN2483
4927026	TERT-BUTYL ISOCYANATE	1	A	6.1	UN2484

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4921027	N-BUTYL ISOCYANATE	1	B	6.1	UN2485
4907409	ISOBUTYL ISOCYANATE	2		3	UN2486
4927036	ISOBUTYL ISOCYANATE	1	A	6.1	UN2486
4921216	PHENYL ISOCYANATE	1	B	6.1	UN2487
4921010	CYCLOHEXYL ISOCYANATE	1	B	6.1	UN2488
4921254	DIKETENE, STABILIZED	1	B	6.1	UN2521
4920394	METHYLCHLOROSILANE		B	2.3	UN2534
4920189	CHLORINE PENTAFLUORIDE		A	2.3	UN2548
4920343	CARBON MONOXIDE AND HYDROGEN MIXTURE, COMPRESSED			2.3	UN2600
4909307	METHOXYMETHYL ISOCYANATE	1		3	UN2605
4927038	METHOXYMETHYL ISOCYANATE	1	A	6.1	UN2605
4921255	METHYL ORTHOSILICATE	1	B	6.1	UN2606
4921304	METHYL IODIDE	1	B	6.1	UN2644
4921722	HEXACHLOROCYCLOPENTADIENE	1	B	6.1	UN2646
4821722	WASTE HEXACHLOROCYCLO- PENTADIENE	1	B	6.1	UN2646
4921009	CHLOROACETONITRILE	2		6.1	UN2668
4921439	CHLOROACETONITRILE	1	B	6.1	UN2668
4920167	STIBINE		A	2.3	UN2676
4932010	BORON TRIBROMIDE	1	B	8	UN2692
4921756	N-PROPYL CHLOROFORMATE	1	B	6.1	UN2740
4921730	N-BUTYL CHLOROFORMATE	1	B	6.1	UN2743
4933327	ETHYL CHLOROTHIOFORMATE	2	B	8	UN2826
4920715	BROMINE CHLORIDE		B	2.3	UN2901
4921495	2-METHYL-2-HEPTANETHIOL	1	B	6.1	UN3023
4920347	TRIFLUOROACETYL CHLORIDE		B	2.3	UN3057
4910370	METHACRYLONITRILE, STABILIZED	1		3	UN3079
4921440	METHACRYLONITRILE, STABILIZED	1	B	6.1	UN3079
4920356	PERCHLORYL FLUORIDE		B	2.3	UN3083
4920381	LIQUEFIED GAS, TOXIC FLAMMABLE, N.O.S.		D	2.3	UN3160
4920164	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.		A	2.3	UN3160
4920380	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.		C	2.3	UN3160
4920382	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.		B	2.3	UN3160
4920195	LIQUEFIED GAS, TOXIC, N.O.S.		A	2.3	UN3162
4920368	LIQUEFIED GAS, TOXIC, N.O.S.		C	2.3	UN3162
4920369	LIQUEFIED GAS, TOXIC, N.O.S.		D	2.3	UN3162
4920571	LIQUEFIED GAS, TOXIC, N.O.S.		B	2.3	UN3162
4920534	GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S.			2.3	UN3168
4920536	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S.			2.3	UN3169
4921245	METHANESULFONYL CHLORIDE	1	B	6.1	UN3246

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4921239	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL	1	B	6.1	UN3294
4920342	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE		D	2.3	UN3300
4920104	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.		A	2.3	UN3303
4920309	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.		C	2.3	UN3303
4920310	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.		D	2.3	UN3303
4920337	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.		B	2.3	UN3303
4920301	COMPRESSED GAS, TOXIC CORROSIVE, N.O.S.		D	2.3	UN3304
4920324	COMPRESSED GAS, TOXIC CORROSIVE, N.O.S.		B	2.3	UN3304
4920101	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.		A	2.3	UN3304
4920331	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.		C	2.3	UN3304
4920102	COMMRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		A	2.3	UN3305
4920303	COMMRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		B	2.3	UN3305
4920304	COMMRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		C	2.3	UN3305
4920305	COMMRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		D	2.3	UN3305
4920103	COMPRESSED GAS, TOXIC OXIDIZING, CORROSIVE, N.O.S.		A	2.3	UN3306
4920307	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		C	2.3	UN3306
4920308	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		D	2.3	UN3306
4920111	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.		A	2.3	UN3307
4920317	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.		B	2.3	UN3307
4920319	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.		C	2.3	UN3307
4920321	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.		D	2.3	UN3307
4920105	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.		A	2.3	UN3308
4920311	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.		B	2.3	UN3308
4920313	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.		C	2.3	UN3308
4920315	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.		D	2.3	UN3308
4920108	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		A	2.3	UN3309
4920314	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		B	2.3	UN3309
4920316	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		C	2.3	UN3309
4920318	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		D	2.3	UN3309
4920110	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		A	2.3	UN3310
4920312	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		B	2.3	UN3310
4920320	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		C	2.3	UN3310
4920325	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		D	2.3	UN3310
4904211	AMMONIA SOLUTION			2.2	UN3318

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4920360	AMMONIA SOLUTIONS		D	2.3	UN3318
4920115	INSECTICIDE GASES, TOXIC FLAMMABLE, N.O.S.		A	2.3	UN3355
4927018	TOXIC BY INHALATION LIQUID, N.O.S.	1	A	6.1	UN3381
4921000	TOXIC BY INHALATION LIQUID, N.O.S.	1	B	6.1	UN3382
4927019	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S.	1	A	6.1	UN3383
4921003	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S.	1	B	6.1	UN3384
4921029	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S.	1	B	6.1	UN3384
4821029	WASTE, TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S.	1	B	6.1	UN3384
4927023	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S.	1	A	6.1	UN3385
4921006	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S.	1	B	6.1	UN3386
4927024	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S.	1	A	6.1	UN3387
4921023	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S.	1	B	6.1	UN3388
4927028	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S.	1	A	6.1	UN3389
4921024	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S.	1	B	6.1	UN3390
4921287	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S.	1	B	6.1	UN3390
4921288	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S.	1	B	6.1	UN3390
4927031	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S.	1	A	6.1	UN3488
4921441	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S.	1	B	6.1	UN3489
4927034	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S.	1	A	6.1	UN3490
4921458	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S.	1	B	6.1	UN3491
4920193	ADSORBED GAS, TOXIC, N.O.S.		A	2.3	UN3512
4920562	ADSORBED GAS, TOXIC, N.O.S.		B	2.3	UN3512
4920563	ADSORBED GAS, TOXIC, N.O.S.		C	2.3	UN3512
4920564	ADSORBED GAS, TOXIC, N.O.S.		D	2.3	UN3512
4920192	ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.		A	2.3	UN3514
4920558	ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.		B	2.3	UN3514
4920560	ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.		C	2.3	UN3514
4920561	ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.		D	2.3	UN3514
4920198	ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.		A	2.3	UN3515
4920568	ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.		B	2.3	UN3515
4920569	ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.		C	2.3	UN3515
4920572	ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.		D	2.3	UN3515
4920190	ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.		A	2.3	UN3516
4920551	ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.		B	2.3	UN3516
4920552	ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.		C	2.3	UN3516
4920553	ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.		D	2.3	UN3516

HMRC	Proper Shipping Name	Packing Group	Hazard Zone	Hazard Class	UN/NA#
4920191	ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		A	2.3	UN3517
4920554	ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		B	2.3	UN3517
4920555	ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		C	2.3	UN3517
4920557	ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		D	2.3	UN3517
4920194	ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		A	2.3	UN3518
4920565	ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		B	2.3	UN3518
4920566	ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		C	2.3	UN3518
4920567	ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.		D	2.3	UN3518
4920573	BORON TRIFLUORIDE, ADSORBED		B	2.3	UN3519
4920574	CHLORINE, ADSORBED		B	2.3	UN3520
4920577	SILICON TETRAFLUORIDE, ADSORBED		B	2.3	UN3521
4920176	ARSINE, ADSORBED		A	2.3	UN3522
4920575	GERMANE, ADSORBED		B	2.3	UN3523
4920576	PHOSPHORUS PENTAFLUORIDE, ADSORBED		B	2.3	UN3524
4920171	PHOSPHINE, ADSORBED		A	2.3	UN3525
4920172	HYDROGEN SELENIDE, ADSORBED		A	2.3	UN3526

## Special Dangerous Commodities

## Item 2105

CN will not transport intermodal units of special dangerous commodities. Special Dangerous Commodities are substances listed in Schedule "B" of CTC Order No. R-34379. The commodity name and class within this item were current at the time of publishing of the Order. Please verify acceptance of your commodity by UN Number – if listed by UN Number herein, commodity is prohibited.

Commodity Name	Class	UN #
AMMONIUM PICRATE, less than 10% water	1.1	UN 0004
CARTRIDGES FOR WEAPONS, with bursting charge	1.1	UN 0005
CARTRIDGES FOR WEAPONS, with bursting charge	1.1	UN 0006
CARTRIDGES FOR WEAPONS, with bursting charge	1.2	UN 0007
AMMUNITION, INCENDIARY	1.2	UN 0009
AMMUNITION, SMOKE	1.2	UN 0015
AMMUNITION, TEAR PRODUCING	1.2	UN 0018
AMMUNITION, TOXIC	1.2	UN 0020
BLACK POWDER, granular or as meal	1.1	UN 0027
BLACK POWDER, compressed	1.1	UN 0028

Commodity Name	Class	UN #
BLASTING CAPS, non-electric	1.1	UN 0029
BLASTING CAPS, electric	1.1	UN 0030
BOMBS, with bursting charge	1.1	UN 0033
BOMBS, with bursting charge	1.1	UN 0034
BOMBS, with bursting charge	1.2	UN 0035
BOMBS, photo-flash	1.1	UN 0037
BOMBS, photo-flash	1.1	UN 0038
BOMBS, photo-flash	1.2	UN 0039
BOOSTERS or GAINES, without detonator	1.1	UN 0042
BURSTERS, explosive	1.1	UN 0043
CHARGES, DEMOLITION	1.1	UN 0048
CARTRIDGES. Flash	1.1	UN 0049
CHARGES, DEPTH	1.1	UN 0056
CHARGES, SHAPED, COMMERCIAL, without detonator	1.1	UN 0059
CHARGES, SUPPLEMENTARY, EXPLOSIVE	1.1	UN 0060
CORD, DETONATING, flexible	1.1	UN 0065
CYCLOTRIMETHYLENETRINITRAMINE, more than 15% water or more than 10% phlegmatizer	1.1	UN 0072
DETONATORS FOR AMMUNITION	1.1	UN 0073
DIAZODINITROPHENOL, at least 40% water mixture of alcohol and water	1.1	UN 0074
DIETHYLENEGLYCOL DINITRATE, at least 25% non-volatile water-insoluble phlegmatizer	1.1	UN 0075
DINITROPHENOL, less than 15% water	1.1	UN 0076
DINITRORESORCINOL, less than 15% water	1.1	UN 0078
HEXANITRODIPHENYLAMINE	1.1	UN 0079
EXPLOSIVES, BLASTING, TYPE A	1.1	UN 0081
EXPLOSIVES, BLASTING, TYPE B	1.1	UN 0082
EXPLOSIVES, BLASTING, TYPE C	1.1	UN 0083
EXPLOSIVES, BLASTING, TYPE D	1.1	UN 0084
PHOTO-FLASH POWDER	1.1	UN 0094
PHOTO-FLASH POWDER	1.2	UN 0096
FRACTURING DEVICES, explosive, for oil wells	1.1	UN 0099
CORD, DETONATING, metal clad	1.2	UN 0102
FUZES, DETONATING	1.1	UN 0106
FUZES, DETONATING	1.2	UN 0107
GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE, at least 30% water	1.1	UN 0113
GUANYL,NITROSAMINO GUANYL TETRAZENE, at least 30% water or mixture alcohol and water	1.1	UN 0114
HEXOLITE, less than 15% water	1.1	UN 0118
IGNITERS	1.1	UN 0121
JET PERFORATING GUNS, CHARGED	1.1	UN 0124
LEAD AZIDE, at least 20% water or mixture of alcohol and water	1.1	UN 0129

Commodity Name	Class	UN #
LEAD STYPHNATE, at least 20% water or mixture alcohol and water	1.1	UN 0130
MANNITOL HEXANITRATE, at least 40% water or mixture of alcohol and water	1.1	UN 0133
MERCURY FULMINATE, at least 20% water or mixture alcohol and water	1.1	UN 0135
MINES, with bursting charge	1.1	UN 0136
MINES, with bursting charge	1.1	UN 0137
MINES, with bursting charge	1.2	UN 0138
NITROGLYCERINE, desensitized	1.1	UN 0143
NITROGLYCERINE, spirit of	1.1,	UN 0144
NITROSTARCH, less than 20% water	1.1	UN 0146
NITRO UREA	1.1	UN 0147
PENTAERYTHRITE TETRANITRATE, at least 25% water or at least 15% phlegmatizer	1.1	UN 0150
PENTOLITE, less than 15% water	1.1	UN 0151
TRINITRO-ANILINE	1.1	UN 0153
PICRIC ACID, less than 30% water	1.1	UN 0154
TRINITROPHENOL, less than 30% water	1.1	UN 0154
TRINITROCHLOROBENZENE	1.1	UN 0155
POWDER, smokeless	1.1	UN 0160
PROJECTILES, with bursting charge	1.1	UN 0167
PROJECTILES, with bursting charge	1.1	UN 0168
PROJECTILES, with bursting charge	1.2	UN 0169
AMMUNITION, ILLUMINATING	1.2	UN 0171
ROCKETS, with bursting charge	1.1	UN 0180
ROCKETS, with bursting charge	1.1	UN 0181
ROCKETS, with bursting charge	1.2	UN 0182
SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.1	UN 0192
SIGNALS, DISTRESS	1.1	UN 0194
SIGNALS, SMOKE, with explosive sound unit	1.1	UN 0196
SOUNDING DEVICES, EXPLOSIVE	1.2	UN 0204
TETRANITRO-ANILINE	1.1	UN 0207
TRINITROPHENYLMETHYLNITRAMINE	1.1	UN 0208
TRINITROTOLUENE, less than 30% water	1.1	UN 0209
TRINITROANISOLE	1.1	UN 0213
TRINITROBENZENE, less than 35% water	1.1	UN 0214
TRINITROBENZOIC ACID, less than 30% water	1.1	UN 0215
TRINITROMETACRESOL	1.1	UN 0216
TRINITRONAPHTHALENE	1.1	UN 0217
TRINITROPHENETOLE	1.1	UN 0218
TRINITRORESORCINOL, less than 20% water or mixture of alcohol and water	1.1	UN 0219
UREA NITRATE, less than 20% water	1.1	UN 0220
WARHEADS, TORPEDO, with bursting charge	1.1	UN 0221

<b>Commodity Name</b>	<b>Class</b>	<b>UN #</b>
AMMONIUM NITRATE, more than 0.2% organic as carbon	1.1	UN 0222
AMMONIUM NITRATE FERTILIZERS	1.1	UN 0223
BARIUM AZIDE, less than 50% water or alcohol	1.1	UN 0224
BOOSTERS or GAINES, with detonator	1.1	UN 0225
CYCLOTETRAMETHYLENETETRANITRAMINE, more than 15% water or more than 10% phlegmatizer	1.1	UN 0226
ROCKETS, line throwing	1.2	UN 0238
EXPLOSIVES, BLASTING, TYPE E	1.1	UN 0241
AMMUNITION, INCENDIARY, white phosphorus	1.2	UN 0243
AMMUNITION, SMOKE, WHITE PHOSPHORUS	1.2	UN 0245
CONTRIVANCES, WATER ACTIVATED	1.2	UN 0248
OCTOLITE, less than 15% water	1.1	UN 0266
BOOSTERS or GAINES, with detonator	1.2	UN 0268
CHARGES, PROPELLING, FOR ROCKET MOTORS	1.1	UN 0271
CHARGES, PROPELLING, FOR ROCKET MOTORS, composite mixture	1.1	UN 0273
CHARGES, PROPELLING, FOR CANNON	1.1	UN 0279
ROCKET MOTORS	1.1	UN 0280
ROCKET MOTORS	1.2	UN 0281
NITROGUANIDINE, less than 20% water	1.1	UN 0282
BOOSTERS or GAINES, without detonator	1.2	UN 0283
GRENADES. hand or rifle, With bursting charge	1.1	UN 0284
GRENADES. hand or rifle, With bursting charge	1.2	UN 0285
WARHEADS, ROCKET, with bursting charge	1.1	UN 0286
WARHEADS, ROCKET, with bursting charge	1.2	UN 0287
CHARGES, SHAPED, flexible, linear, metal clad	1.1	UN 0288
CORD, DETONATING, metal clad	1.1	UN 0290
BOMBS, with bursting charge	1.2	UN 0291
GRENADES. hand or rifle, With bursting charge	1.1	UN 0292
GRENADES. hand or rifle, With bursting charge	1.2	UN 0293
MINES, with bursting charge	1.2	UN 0294
ROCKETS, with bursting charge	1.2	UN 0295
SOUNDING DEVICES, EXPLOSIVE	1.1	UN 0296
SIGNALS, SMOKE, with explosive sound unit	1.2	UN 0313
IGNITERS	1.2	UN 0314
CARTRIDGES FOR WEAPONS, with bursting charge	1.2	UN 0321
ROCKET MOTORS, with hypergolic liquids	1.2	UN 0322
PROJECTILES, with bursting charge	1.2	UN 0324
CARTRIDGES FOR WEAPONS, blank	1.1	UN 0326
CARTRIDGES FOR WEAPONS, with inert projectile	1.2	UN 0328
TORPEDOES, with bursting charge	1.1	UN 0329
TORPEDOES, with bursting charge	1.1	UN 0330

Commodity Name	Class	UN #
FIREWORKS, TYPE A	1.1	UN 0333
FIREWORKS, TYPE B	1.2	UN 0334
NITROCELLULOSE, less than 25% alcohol-water	1.1	UN 0340
NITROCELLULOSE, less than 18% plasticizing substance	1.1	UN 0341
PROJECTILES, with burster or expelling charge	1.2	UN 0346
ARTICLES, EXPLOSIVE, N.O.S.	1.1	UN 0354
ARTICLES, EXPLOSIVE, N.O.S.	1.2	UN 0355
SUBSTANCES, EXPLOSIVE, N.O.S.	1.1	UN 0357
SUBSTANCES, EXPLOSIVE, N.O.S.	1.2	UN 0358
BLASTING CAP ASSEMBLIES, non-electric	1.1	UN 0360
DETONATORS FOR ANNUNTIATION	1.2	UN 0364
WARHEADS, ROCKET, with bursting charge	1.1	UN 0369
GRENADES, PRACTICE, Hand or rifle	1.2	UN 0372
SOUNDING DEVICES, EXPLOSIVE	1.1	UN 0374
SOUNDING DEVICES, EXPLOSIVE	1.2	UN 0375
PRIMERS, CAP TYPE	1.1	UN 0377
ARTICLES, pyrophoric	1.2	UN 0380
CARTRIDGES, power device	1.2	UN 0381
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.2	UN 0382
5-NITROBENZOTRIAZOL	1.1	UN 0385
TRINITROBENZENESULFONIC ACID	1.1	UN 0386
TRINITROFLUORENONE	1.1	UN 0387
TRINITROTOLUENE, mixed with hexanitrostilbene	1.1	UN 0388
TRINITROTOLUENE, mixed with trinitrobenzene	1.1	UN 0388
TRINITROTOLUENE, mixed with trinitrobenzene and hexanitrostilbene	1.1	UN 0389
TRITONAL	1.1	UN 0390
CYCLOTTRIMETHYLENETRINITRAMINE MIXED WITH CYCLOTETRAMETHYLENETETRANITRAMINE, more than 15% water or more than 10% phlegmatizer	1.1	UN 0391
HEXANITROSTILBENE	1.1	UN 0392
HEXATONAL, cast	1.1	UN 0393
TRINITRORESORCINOL, more than 20% water or mixture of alcohol and water	1.1	UN 0394
ACETYLENE, dissolved	2.1	UN 1001
AMMONIA, ANHYDROUS, liquefied, and ammonia solutions above 50%	2.3	UN 1005
BORON TRIFLUORIDE	2.3	UN 1008
BUTADIENE, inhibited	2.1	UN 1010
BUTANE or BUTANE MIXTURES	2.1	UN 1011
BUTYLENE	2.1	UN 1012
CARBON MONOXIDE	2.1	UN 1016
CHLORINE	2.3	UN 1017
COAL GAS	2.1	UN 1023

Commodity Name	Class	UN #
CYANOGEN	2.3	UN 1026
CYCLOPROPANE	2.1	UN 1027
1, 1 – DIFLUOROETHANE	2.1	UN 1030
DIFLUOROMONOCHLOROETHANE	2.1	UN 1031
DIMETHYLAMINE, anhydrous	2.1	UN 1032
DIMETHYL ETHER	2.1	UN 1033
ETHANE, compressed	2.1	UN 1035
ETHYLAMINE	2.1	UN 1036
ETHYL CHLORIDE	2.1	UN 1037
ETHYLENE, liquid	2.1	UN 1038
ETHYL METHYL ETHER	2.1	UN 1039
ETHYLENE OXIDE	2.1	UN 1040
ETHYLENE OXIDE AND CARBON DIOXIDE, mixtures, not more than 10% carbon dioxide	2.1	UN 1041
FERTILIZER AMMONIATING SOLUTION, containing free ammonia in excess of 35% ammonia	2.2	UN 1043
FLUORINE	2.3	UN 1045
HYDROGEN BROMIDE. Anhydrous	2.3	UN 1048
HYDROGEN, compressed	2.1	UN 1049
HYDROGEN CHLORIDE. Anhydrous	2.3	UN 1050
HYDROGEN CYANIDE, anhydrous, stabilized	2.3	UN 1051
HYDROGEN FLUORIDE, anhydrous	2.3	UN 1052
HYDROGEN SULPHIDE	2.1	UN 1053
ISOBUTYLENE	2.1	UN 1055
METHYL ACETYLENE, mixed with 15%-20% propadiene	2.1	UN 1060
METHYLAMINE. Anhydrous	2.1	UN 1061
METHYL BROMIDE	2.3	UN 1062
METHYL CHLORIDE	2.1	UN 1063
METHYLMERCAPTAN	2.1	UN 1064
NITROGEN DIOXIDE	2.3	UN 1067
NITROSYL CHLORIDE	2.3	UN 1069
NITROUS OXIDE	2.2	UN 1070
OIL GAS	2.1	UN 1071
OXYGEN, liquid	2.2	UN 1073
LIQUEFIED PETROLEUM GASES	2.1	UN 1075
PHOSGENE	2.3	UN 1076
PROPYLENE	2.1	UN 1077
REFRIGERANT GASES, N.O.S.	2.1	UN 1078
SULPHUR DIOXIDE	2.3	UN 1079
TETRAFLUOROETHYLENE, inhibited	2.2	UN 1081
TRIFLUOROCHLOROETHYLENE	2.1	UN 1082

Commodity Name	Class	UN #
TRIMETHYLAMINE. Anhydrous	2.1	UN 1083
VINYL BROMIDE, inhibited	2.1	UN 1085
VINYL CHLORIDE, inhibited	2.1	UN 1086
VINYL METHYL ETHER, inhibited	2.1	UN 1087
ACRYLONITRILE, inhibited	3.1	UN 1093
DIETHYLALUMINIUM CHLORIDE	4.2	UN 1101
CARBON DISULPHIDE	3.1	UN 1131
CROTONALDEHYDE, inhibited	3.2	UN 1143
NICKEL CARBONYL	3.1	UN 1259
CALCIUM PHOSPHIDE	4.3	UN 1360
PYROPHORIC FUEL, N.O.S.	4.2	UN 1375
PENTABORANE	4.2	UN 1380
PHOSPHORUS, WHITE or YELLOW, DRY	4.2	UN 1381
PHOSPHORUS, WHITE or YELLOW, IN WATER	4.2	UN 1381
PYROPHORIC METALS or ALLOYS, N.O.S.	4.2	UN 1383
ALUMINUM PHOSPHIDE	6.1	UN 1397
SODIUM, (metal)	4.3	UN 1428
SODIUM, METAL, dispersion in organic liquids	4.3	UN 1429
PERCHLORATES, (inorganic), N.O.S.	5.1	UN 1481
TETRANITROMETHANE	5.1	UN 1510
ACETONE CYANOHYDRIN, stabilized	6.1	UN 1541
ARSENIC ACID, liquid	6.1	UN 1553
BARIUM CYANIDE	6.1	UN 1565
BROMOACETONE	6.1	UN 1569
CALCIUM CYANIDE	6.1	UN 1575
CHLORODINITROBENZENE	6.1	UN 1577
CHLOROPICRIN	6.1	UN 1580
CHLOROPICRIN AND METHYL BROMIDE, mixtures	6.1	UN 1581
CHLOROPICRIN AND METHYL CHLORIDE, mixtures	6.1	UN 1582
CHLOROPICRIN MIXTURES, N.O.S.	6.1	UN 1583
COPPER CYANIDE	6.1	UN 1587
CYANIDES, (inorganic), N.O.S.	6.1	UN 1588
CYANOGEN CHLORIDE. Inhibited	2.3	UN 1589
DIETHYL SULPHATE	6.1	UN 1594
DIMETHYL SULPHATE	6.1	UN 1595
DINITROBENZENES (O, M, P)	6.1	UN 1597
4, 6 - DINITRO-O-CRESOL	6.1	UN 1598
GERMICIDES, (poisonous), N.O.S.	6.1	UN 1601
ETHYL BROMOACETATE	6.1	UN 1603
ETHYLENE DIBROMIDE	2.1	UN 1605

Commodity Name	Class	UN #
FUNGICIDES, (poisonous), N.O.S.	6.1	UN 1609
HALOGENATED IRRITATING LIQUIDS, N.O.S.	6.1	UN 1610
HEXAETHYL TETRAPHOSPHATE	6.1	UN 1611
HEXAETHYL TETRAPHOSPHATE and compressed gas mixture	6.1	UN 1612
HYDROCYANIC ACID, aqueous solution of not more than 20% of hydrogen cyanide	6.1	UN 1613
HYDROGEN CYANIDE, anhydrous, stabilized, absorbed in a porous inert material	6.1	UN 1614
INSECTICIDES, N.O.S.	6.1	UN 1615
LEAD CYANIDE	6.1	UN 1620
MERCURIC CHLORIDE	6.1	UN 1624
MERCURIC POTASSIUM CYANIDE	6.1	UN 1626
MERCURY CYANIDE	6.1	UN 1636
METHYL BROMIDE AND ETHYLENE DIBROMIDE, liquid mixtures	6.1	UN 1647
METHYL CYANIDE (ACETONITRILE, CLASS 3)	6.1	UN 1648
MOTOR FUEL ANTI-KNOCK MIXTURES	6.1	UN 1649
NICOTINE	6.1	UN 1654
NICOTINE, (compounds and preparations), N.O.S.	6.1	UN 1655
NICOTINE HYDROCHLORIDE, and solutions	6.1	UN 1656
NICOTINE SALICYLATE	6.1	UN 1657
NICOTINE SULPHATE. solid or solution	6.1	UN 1658
NICOTINE TARTRATE	6.1	UN 1659
NITRIC OXIDE	2.3	UN 1660
NITROTOLUENES (O,M,P)	6.1	UN 1664
PARATHION	2.3	UN 1668
PARATHION, and mixtures, solids, liquids	6.1	UN 1668
PERCHLOROMETHYL-MERCAPTAN	6.1	UN 1670
PHENOL	6.1	UN 1671
PHENYL CARBYLAMINE CHLORIDE	6.1	UN 1672
POTASSIUM CYANIDE	6.1	UN 1680
RODENTICIDES, N.O.S.	6.1	UN 1681
SHEEP DIPS, (poisonous), N.O.S.	6.1	UN 1682
SILVER CYANIDE	6.1	UN 1684
SODIUM CYANIDE	6.1	UN 1689
STRYCHNINE, and salts	6.1	UN 1692
TEAR GAS, (irritating substances, liquid or solid), N.O.S.	6.1	UN 1693
BROMOBENZYL CYANIDE	6.1	UN 1694
CHLOROACETONE, stabilized	6.1	UN 1695
CHLOROACETOPHENONE	6.1	UN 1697
DIPHENYLAMINECHLOROARSINE	6.1	UN 1698
DIPHEHYLCHLOROARSINE	6.1	UN 1699
TEAR GAS CANDLES, non-explosive	6.1.	UN 1700

Commodity Name	Class	UN #
XYLYL BROMIDE	6.1	UN 1701
TETRAETHYL DITHIOPYROPHOSPHATE, with gases, including solutions and mixtures	6.1	UN 1703
TETRAETHYL DITHIOPYROPHOSPHATE, liquid and mixtures	6.1	UN 1704
TETRAETHYL PYROPHOSPHATE AND COMPRESSED GAS, mixture	6.1	UN 1705
XYLIDINES	6.1	UN 1711
ZINC CYANIDE	6.1	UN 1713
ZINC PHOSPHIDE	6.1	UN 1714
BORON TRICHLORIDE	2.3	UN 1741
BROMINE, (and solutions)	8	UN 1744
BROMINE PENTAFLUORIDE	8	UN 1745
BROMINE TRIFLUORIDE	8	UN 1746
CHLORINE TRIFLUORIDE	2.3	UN 1749
ACID MIXTURES, hydrofluoric and sulphuric	8	UN 1786
PERCHLORIC ACID, not more than 50% of acid	8	UN 1802
PYROSULPHURYL CHLORIDE	8	UN 1817
SULPHUR TRIOXIDE, stabilized	8	UN 1829
SULPHURIC ACID, fuming	8	UN 1831
SULPHURYL CHLORIDE	8	UN 1834
BARIUM ALLOYS, pyrophoric	4.2	UN 1854
SILICON TETRAFLUORIDE	2.3	UN 1859
VINYL FLUORIDE, inhibited	2.1	UN 1860
PERCHLORIC ACID, over 50% but not more than 72% acid	5.1	UN 1873
CYANOGEN BROMIDE	6.1	UN 1889
ETHYL DICHLOROARSINE	6.1	UN 1892
ORGANOPHOSPHATES (poisonous), N.O.S.	6.1	UN 1893
DIBORANE	2.1	UN 1911
METHYL CHLORIDE AND METHYLENE CHLORIDE, mixtures	2.1	UN 1912
ETHYL ALUMINIUM SESQUICHLORIDE	4.2	UN 1925
CYANIDES. Solutions	6.1	UN 1935
ETHYLENE OXIDE AND CARBON DIOXIDE. mixtures, not more than 17% of ethylene oxide	2.1	UN 1952
COMPRESSED or LIQUEFIED GASES, (flammable, toxic) N.O.S.	2.1	UN 1953
WATER-GAS	2.1	UN 1953
COMPRESSED or LIQUEFIED GASES, (flammable, non-toxic) N.O.S.	2.1	UN 1954
COMPRESSED or LIQUEFIED GASES, (non-flammable, toxic), N.O.S.	2.3	UN 1955
PERCHLORYL FLUORIDE	2.3	UN 1955
PHOSPHORUS TRIFLUORIDE	2.3	UN 1955
TETRAFLUOROHYDRAZINE	2.3	UN 1955
DEUTERIUM	2.1	UN 1957
1, 1 – DIFLUOROETHYLENE	2.1	UN 1959

Commodity Name	Class	UN #
ETHANE, liquid	2.1	UN 1961
ETHYLENE, compressed	2.1	UN 1962
HYDROCARBON GASES, (compressed), N.O.S.	2.1	UN 1964
HYDROCARBON GASES, (liquefied), N.O.S.	2.1	UN 1965
HYDROGEN, LIQUID	2.1	UN 1966
INSECTICIDE GASES, (toxic), N.O.S.	2.3	UN 1967
INSECTICIDE GASES, (non-toxic), N.O.S.	2.1	UN 1968
ISOBUTANE or ISOBUTANE MIXTURES	2.1	UN 1969
METHANE or NATURAL GASES, compressed	2.1	UN 1971
METHANE or NATURAL GASES, liquid	2.1	UN 1972
NITRIC OXIDE AND NITROGEN TETROXIDE, mixtures	2.3	UN 1975
PROPANE	2.1	UN 1978
STRONTIUM PHOSPHIDE	4.3	UN 2013
AMMUNITION, (TOXIC), NON-EXPLOSIVE	6.1	UN 2016
AMMUNITION, TEAR PRODUCING, non-explosive	6.1	UN 2017
EPICHLOROHYDRIN	6.1	UN 2023
PHENYLMERCURIC COMPOUNDS, N.O.S.	6.1	UN 2026
NITRIC ACID, red fuming	8	UN 2032
HYDROGEN AND METHANE, mixtures	2.1	UN 2034
TRIFLUOROETHANE	2.1	UN 2035
2, 2 – DIMETHYLPROPANE	2.1	UN 2044
ENDRIN, mixtures, dry or liquid	6.1	UN 2065
TOLUENE DIISOCYANATE (t.d.i.)	6.1	UN 2078
ARSINE	2.3	UN 2188
DICHLOROSILANE	2.3	UN 2189
OXYGEN DIFLUORIDE	2.3	UN 2190
SULPHURYL FLUORIDE	2.2	UN 2191
GERMANE	2.3	UN 2192
SELENIUM HEXAFLUORIDE	2.3	UN 2194
TELLURIUM HEXAFLUORIDE	2.3	UN 2195
TUNGSTEN HEXAFLUORIDE	2.3	UN 2196
HYDROGEN IODIDE, anhydrous	2.3	UN 2197
PHOSPHORUS PENTAFLUORIDE	2.3	UN 2198
PHOSPHINE	2.3	UN 2199
HYDROGEN SELENIDE	2.3	UN 2202
SILANE	2.3	UN 2203
CARBONYL SULFIDE	2.3	UN 2204
BENZONITRILE	6.1	UN 2224
CHLOROACETALDEHYDE	6.1	UN 2232
SYM-DICHLORODIMETHYL ETHER	6.1	UN 2249

Commodity Name	Class	UN #
DICHLOROPHENYL ISOCYANATES	6.1	UN 2250
POTASSIUM METAL	4.2	UN 2257
XYLENOLS	6.1	UN 2261
SODIUM CUPROCYANIDE, solid	6.1	UN 2316
CARBONYL FLUORIDE	2.3	UN 2417
SULPHUR TETRAFLUORIDE	2.3	UN 2418
HEXAFLUOROACETONE	2.3	UN 2420
NITROGEN TRIOXIDE	2.3	UN 2421
NITROGEN TRIFLUORIDE	2.3	UN 2451
OSMIUM TETROXIDE	6.1	UN 2471
THIOPHOSGENE	6.1	UN 2474
SODIUM PENTACHLOROPHENATE	6.1	UN 2567
PHENYLHYDRAZINE	6.1	UN 2572
PESTICIDES, (high hazard, solid or liquid), N.O.S.	6.1	UN 2588
STIBINE	2.3	UN 2676
POISONOUS LIQUIDS, N.O.S.	6.1	UN 2810
POISONOUS SOLIDS, N.O.S.	6.1	UN 2811
PYROPHORIC SOLIDS, N.O.S.	4.2	UN 2846
RADIOACTIVE MATERIAL FISSILE, N.O.S. CLASS I, II, or III	7	UN 2918
RADIOACTIVE MATERIAL SPECIAL FORM, N.O.S.	7	UN 2974
URANIUM HEXAFLUORIDE FISSILE, containing more than 0.7% U235	7	UN 2977
URANIUM METAL, PYROPHORIC	7	UN 2979
RADIOACTIVE MATERIAL, N.O.S.	7	UN 2982

## Ammunition

## Item 2110

CN will not transport intermodal units loaded with commodities listed below as ammunition.

Proper Shipping Name	Class	Packing Group	UN #
AMMUNITION, INCENDIARY	1.3G	2	UN0010
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1.4S	2	UN0012
CARTRIDGES FOR WEAPONS, BLANK	1.4S	2	UN0014
AMMUNITION, SMOKE	1.3G	2	UN0016
AMMUNITION, TEAR-PRODUCING	1.3G	2	UN0019
AMMUNITION, TOXIC	1.3K	2	UN0021
PRIMERS, CAP TYPE	1.4S	2	UN0044

Proper Shipping Name	Class	Packing Group	UN #
GRENADES, PRACTICE	1.4S	2	UN0110
POWDER, SMOKELESS	1.3C	2	UN0161
ROCKETS	1.3C	2	UN0183
CHARGES, PROPELLING, FOR CANNON	1.3C	2	UN0242
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS	1.3H	2	UN0244
AMMUNITION, SMOKE, WHITE PHOSPHORUS	1.3H	2	UN0246
AMMUNITION, INCENDIARY	1.3J	2	UN0247
AMMUNITION, ILLUMINATING	1.3G	2	UN0254
CHARGES, PROPELLING	1.3C	2	UN0272
AMMUNITION, ILLUMINATING	1.4G	2	UN0297
BOMBS, PHOTO-FLASH	1.3G	2	UN0299
AMMUNITION, INCENDIARY	1.4G	2	UN0300
AMMUNITION, TEAR-PRODUCING	1.4G	2	UN0301
AMMUNITION, SMOKE	1.4G	2	UN0303
TRACERS FOR AMMUNITION	1.4G	2	UN0306
GRENADES, PRACTICE	1.3G	2	UN0318
CARTRIDGES FOR WEAPONS, BLANK	1.3C	2	UN0327
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1.4C	2	UN0339
PROJECTILES	1.4D	2	UN0344
PROJECTILES	1.4S	2	UN0345
PROJECTILES	1.4D	2	UN0347
CARTRIDGES FOR WEAPONS	1.4F	2	UN0348
AMMUNITION, PRACTICE	1.4G	2	UN0362
AMMUNITION, PROOF	1.4G	2	UN0363
WARHEADS, ROCKET	1.4D	2	UN0370
WARHEADS, ROCKET	1.4F	2	UN0371
CARTRIDGES FOR WEAPONS	1.4E	2	UN0412
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1.3C	2	UN0417
PROJECTILES	1.3G	2	UN0424
PROJECTILES	1.4G	2	UN0425
PROJECTILES	1.4F	2	UN0427
PROJECTILES	1.4G	2	UN0435
ROCKETS	1.3C	2	UN0437
ROCKETS	1.4C	2	UN0438
TORPEDOES, LIQUID FUELED	1.3J	2	UN0450
AMMUNITION, PRACTICE	1.3G	2	UN0488
PROPELLANT, LIQUID	1.3C	2	UN0495
PROPELLANT, SOLID	1.3C	2	UN0499

Proper Shipping Name	Class	Packing Group	UN #
PROPELLANT, SOLID	1.4C	2	UN0501
POWDER, SMOKELESS	1.4C	2	UN0509

## Exceptions for Dangerous Goods and Hazardous materials

### Item 2200

Unless identified in the table below, dangerous goods/hazardous materials can be transported in intermodal service, provided that this is in full compliance with all applicable regulations.

Commodity	Within Canada	Within US	Transborder	Information
Explosives Classes 1.1 and 1.2.	Prohibited	Prohibited	Prohibited	
Explosives Classes 1.3 to 1.6	Allowed	Allowed	Prohibited	Ammunition is prohibited. Refer to list in 2110.
Class 6.2 Infectious Substances	Prohibited	Prohibited	Prohibited	
Radioactive Materials (class 7)	Prohibited	Prohibited	Prohibited	
Special Dangerous Commodities (SDC) - Full Loads and Mixed Loads	Prohibited	Prohibited	Prohibited	Refer to list in Item 2105.
Commodities that require an Emergency Response Assistance Plan (ERAP)	Prohibited without a customer-provided ERAP	Not Applicable*	Prohibited without a customer-provided ERAP	Will not handle in Canada unless the shipping document shows an ERAP approved by Transport Canada and a telephone number to activate the plan (Canada only). See Transport Canada link <a href="http://www.tc.gc.ca">http://www.tc.gc.ca</a> . Refer to Item 5400 for Dangerous Goods Bridging Canada.
Poisonous/Toxic Inhalation Hazards (PIH / TIH)	Prohibited	Prohibited	Prohibited	Refer to list available at the website <a href="http://www.boe.aar.com/">http://www.boe.aar.com/</a>
Hazardous Wastes & Hazardous Recyclables	Prohibited	Prohibited	Prohibited	Hazardous Waste and Hazardous Recyclable Materials regulated by Environment Canada, Provincial Ministries of the Environment, or the US EPA.
Calcium Carbide (UN # 1402, Class 4.3)	Prohibited	Prohibited	Prohibited	

If you need additional information, please contact your CN Account Manager providing the origin, destination, UN, shipping name, class and packing group.

\* unless otherwise prohibited in this table

# Restrictions

## General Restrictions

## Item 3000



Restricted commodities must meet all the conditions listed herein in order to travel on CN.

1. Used personal automobiles, motorcycles, motorboats, and off-road vehicles are considered personal effects and only acceptable when the shipper or consignee performs the packing and unpacking of the container, and when battery terminals are disconnected, and the fuel tank is drained. For clarity purposes any automobiles, motorcycles, motorboats, and off-road vehicles not travelling from the point of production/assembly to the marketplace will be considered as used. The bill of lading must identify the shipment as "USED VEHICLE", along with proper Standard Transportation Commodity Code (STCC). CN will not accept shipments using "Freight All Kinds" (FAK) commodity code (STCC 46-110-1- & 49-501-50) for product description.
2. New automobiles in transit from the assembly lines to the marketplace with a maximum of 1/4 (one quarter) tank of fuel and their batteries remaining connected can be accepted and are allowed in cross-border service.
3. Coiled Metal Products: Refer to item 4000 of this tariff.
4. Scrap Metal and Metal Parts:
  - a) Large metal scrap: material must be bundled and strapped with minimum 1 ¼" x 0.029" Steel Strap to keep product from breaking apart during transit.
  - b) Small metal scrap material must be packaged in bins or Gaylord type containers.
  - c) Scrap metal must not have any fluids and contaminating materials, contained within or dripping from scrap bundles.
  - d) Freight must be loaded in accordance with item 4000 – Concentrated Weight Policy.
  - e) The shipper will be held responsible for damages to containers from improperly prepared loads per the Applicable CN tariff, not limited to, but including costs for vehicle damage, train and operational delays, and recovery costs.
  - f) Containers provided by CN, which are contaminated by products loaded into same, which are not in compliance with the above noted rules, will result in Shipper responsibility for costs related to restoring the Container/Trailer to its original condition, per applicable CN tariff.
5. Waste, municipal as described in Item 96137 of UFC, only acceptable in shipper-owned equipment.
6. Animal feed, fishmeal, hides, skins – only acceptable in shipper-owned equipment.
7. Bulk commodities - goods that are loose or in mass and must be shoveled, scooped or forked – only acceptable in shipper-owned equipment.
8. Carbon blacks – only acceptable in shipper-owned equipment.
9. Large stone blocks - Any block of material that exceeds 312.5 lbs. of weight per square foot of floor contact must be loaded on and secured to an approved weight distribution device such as a "Holland Sled" or "Load N Roll Pallet" to distribute weight in the container. Product not exceeding 312.5 lbs. per square foot may be loaded in containers and/or trailers and must be properly secured against lengthwise and crosswise movement. CN will not be responsible for chipping and/or cracking of material during transit. The product must not be loaded in intermodal units that are more than ten (10) years old - this is determined on the basis of the date of the shipment and the construction date of the intermodal unit. The maximum gross weight of the load must not exceed 75% of the

intermodal unit's rated capacity.

10. Live or fresh cut, plants and nursery stock: For intra-Canada or intra-USA shipments, CN will not be liable for any deterioration or damage of lading, nor will CN be liable for market decline or deterioration resulting from delay. It is prohibited to load such nursery stock in CN dry or heated equipment. The product may be loaded in CN reefers provided that a standard operating procedure is mutually agreed upon related to proper loading, unloading and cleaning of the CN equipment.

11. Used tires: Intra-US and intra-Canada shipments are permitted when loaded in CN rail-owned equipment, the tires must be dry and free of contaminants.

## Concentrated Weight Policy

Item 4000



Heavy pieces of freight with minimal floor contact or weight distribution, such as steel coils and large pipes, have an elevated risk of catastrophically damaging container floors. The following rules are necessary to help ensure a safe rail environment for our employees, the general public, and to protect the best interests of our customers, and will be amended from time to time. All rules from the AAR Intermodal Loading Guide must also be followed.

CN will only accept containers with Coiled Metal Products and Concentrated weights that are shipped on skids and/or pallets designed to distribute weight over a larger floor contact area than the actual coil, and/or products, loaded upon such skid/pallet. The skid and/or pallet must be of sufficient dimension as to limit the load to 312 lbs per square foot of bearing surface. The skid/pallet length/width must be equal or greater to the diameter of the coils. The construction of the pallet or skid must be able to support the weight of coil without failure and prevent load shifting.

CN will only accept containers compliant with requirements found at [www.cn.ca/en/customer-centre/safety-guidelines-and-regulations/loading-rules-instructions](http://www.cn.ca/en/customer-centre/safety-guidelines-and-regulations/loading-rules-instructions), and that have the weight evenly distributed from side-to-side, front-to-back, and contain **no** concentrated weights which are:

- a) Greater than 25,000 lbs. per 10 linear feet of container floor
- b) Greater than 312 lbs. per square foot of container floor

Further, any shipment containing an individual piece of freight weighing 3,500 lbs. or greater is subject to the following rules:

- a) The container cannot be more than seven (7) years old, determined on the basis of the date of shipment and the date of the construction of the intermodal unit.
- b) The freight cannot rely exclusively on the container floor to support it and must have a weight distribution device underneath. Please consult [www.cn.ca/en/customer-centre/safety-guidelines-and-regulations/loading-rules-instructions](http://www.cn.ca/en/customer-centre/safety-guidelines-and-regulations/loading-rules-instructions) for specific loading instructions
- c) The total net weight of the freight cannot exceed 85% of the rated capacity of the intermodal unit.
- d) The shipment cannot be billed as FAK and must use the appropriate STCC and proper commodity description. Shipments without proper rail billing (as stated above) will not be allowed for rail transport.
- e) Shippers must keep the following electronic documents on record for at least one year, and supply them upon request to CN:
  - Photo of loaded container, both doors opened, clearly showing the loaded contents;
  - Photo of same container, with one-door closed, clearly showing the container specifications and identification numbers;
  - Electronic copy of the waybill showing the waybill number, the container identification, and the STCC code.

Steel coils, pipes, stone slabs, and other heavy freight have additional loading rules at [www.cn.ca/en/customer-centre/safety-guidelines-and-regulations/loading-rules-instructions](http://www.cn.ca/en/customer-centre/safety-guidelines-and-regulations/loading-rules-instructions), which are incorporated herein by reference.

## Dangerous Goods / Hazardous Material

Safety is one of CN's five key guiding principles. We never compromise safety. We are particularly diligent when it comes to the safe transportation of dangerous goods/hazardous materials. Although the terminology differs north and south of the border ("dangerous goods" being the term used in Canada and "hazardous materials" more common in the U.S.), and the rules and regulations vary slightly, both countries have the same objective: to protect people and the environment from any material that might cause harm. We adopt the rules and regulations of the Canadian and U.S. governments and regulatory bodies as our own when handling these shipments in our yards, at port facilities, and while in transit on our route network throughout North America.

### Regulations – Documentation and Markings

### Item 5000

Shippers must comply with all applicable regulations governing the transportation of dangerous goods/hazardous materials by rail in Canada and the U.S.

When the contents of any trailer or unit include dangerous goods/hazardous material, the shipper must complete a shipping document and provide all the information required by the Transportation of Dangerous Goods Regulations (Canada) and the Hazardous Materials Regulations of the United States Department of Transportation. Placards must be applied by the shipper on all four sides of the unit prior to acceptance by the carrier (railroad) for transportation. Placards must be displayed on both sides and both ends of placarded shipments, and must be visible from the direction they face. For intermodal containers, the bottom of the placard must be five feet or more, above the bottom rail. For trailers, the bottom of the placards must be five feet from the ground and at least five feet in from the side corner posts - on both sides. Placards must be located away from any markings such as advertising and devices (ladders, pipes, doors, tarpaulins) that could reduce their effectiveness. When the shipment of a hazardous material is in a portable tank from, to or through the U.S., the portable tank must be legibly marked on two opposing sides with the proper shipping name specified for the commodity.

Hazardous or restricted shipments with improper documentation, placarding or markings, or empty containers and non-hazardous loads found in our terminals displaying hazardous placards are subject to fees under Optional Services – Intermodal Tariff CN-9100 in effect at the time of the event(s).

For full details, please consult Transport Canada and/or United States Department of Transportation Regulations.

### Loading, Unloading and Storage

### Item 5100

Dangerous goods/hazardous materials may not be loaded, unloaded or stored at our terminals. Shippers, consignees, and unloaders must take such units into their facilities without delay.

## Overloaded or Improperly Loaded Equipment

## Item 5200

Overloaded, improperly loaded or improperly secured units will not be handled unless it is determined that it is safe to do so and authorized by regulatory agencies. This may require such things as weight reduction, return to origin, or movement towards destination under restriction by regulatory agencies (e.g., FRA Movement Approval or Estoppel Agreement).

CN, or one its designates, at its discretion, reserves the right to open Intermodal containers, which may be overweight, contain a shift load, imbalanced, or showing evidence of internal lading movement resulting in product penetration or damage to the exterior of the containers. This will also include any containers found with collapsed or failed floors.

- a) Federal, Provincial, State, and/or Customs laws regarding these shipments will be followed. This includes but is not limited to notifying appropriate authorities of the need to open such containers.
- b) "CN will not be liable for lading loss and/or damages resulting from such incidents. The Shipper of record for intermodal traffic found in these conditions as described above, will be responsible for any adjustment, service disruption, or load transfer expenses."

When containers are found to be overweight, they will be subject to fees under Optional Services Intermodal Tariff CN 9100. Heavy shipments loaded beyond specific net weights are subject to additional premiums found in customer specific publications.

Note: Fuel surcharge is applicable.

## Dangerous Goods Bridging Canada

## Item 5400

"Bridging" in this context simply means any shipment that originates outside Canada and travels through Canada en route to its final destination outside Canada.

Bridging shipments of dangerous goods that have an Emergency Response Assistance Plan (ERAP) index listed in Schedule 1, Column 7 of the Canadian Transportation of Dangerous Goods Regulations will not be transported by CN unless they are covered by an ERAP approved by Transport Canada. The Dangerous Goods shipping document must show the ERAP number and the ERAP telephone number to call should the ERAP need to be activated immediately.

To determine if a commodity (loads and residues) is subject to ERAP, see the Transport Canada web page:  
<http://www.tc.gc.ca/tdg/menu.htm>

# Summary of Changes

Item	Change
<b>1000:</b> Conditions Governing Acceptance of Containers	Amendment to #9 updating the AAR Circular and web link.
<b>1200:</b> Flexitank Policy	<ul style="list-style-type: none"> <li>• Flexitanks must complete MXV Rail (AAR) testing before shipping on CN.</li> <li>• Containers used in Flexitanks must be less than 7 years old (previously 10 years old.)</li> </ul>
<b>2050:</b> Prohibited Commodities	Section "Scrap Metal and Metal Parts" has been transferred to item 3000 General Restrictions.
<b>3000:</b> General Restrictions	#4 Scrap Metal and Metal Parts has been added (transferred from 2050).
<b>4000:</b> Concentrated Weight Policy	<ul style="list-style-type: none"> <li>• Item title has changed from "Coiled Metal Products Restrictions" to "Concentrated Weight Policy".</li> <li>• The section on the "Certified Unloader Program" has been removed as the program has been discontinued.</li> <li>• Additional requirements have been added for the acceptance of containers on CN.</li> </ul>