

## DANGEROUS CARGO GUIDANCE

Principally, Hatsu observes the IMDG Code in handling dangerous goods. The following policy highlights are under continuous review, and must be updated and checked with the OPD Personnel Controlling of Hatsu Offices before accepting d/g cargo for shipment. When considering whether to carry a particular Dangerous Goods, Hatsu observes the following prohibitions and exceptions above and beyond the IMDG Code.

**1.1** IMDG Class 1, explosives are prohibited from onboard Hatsu vessels.

**1.2** IMDG Class 6.2 infectious substances (Biohazards, etc.) are prohibited aboard Hatsu vessels.

**1.3** IMDG Class 7 Radioactive substances are prohibited aboard Hatsu vessels without prior specific exception granted by Hatsu Authority in Taipei (HML TPE/PJD). Per P & I Club Rule No.37, association insurance do not cover liability or loss arising out of or in consequence of radioactive radiation from, or the toxic, explosive or other hazardous properties of nuclear or radioactive products/ waste carried by ship except in respect of the following cargoes:

1. Natural Uranium & Thorium Ores, concentrates and metals and mineral residues produced by processing such ores;
2. Radio-isotopes;
3. Other radioactive cargo, the carriage of which has been approved by the association.

Hatsu's prohibition is designed to cause complete review of specific proposed shipment in the event of shipper insistence that Hatsu consider to carry such cargo. Such request for special exception must be sent to regional chief coordinators by fax for referral to HML TPE/PJD, with all details of the proposed shipment, including those enumerated in section iii of this circular (for bookings of export cargo), plus, the cargo's fissile class, determination of radiation at package surface and at one meter distance, details of packaging / shielding in containment unit. No rates, prospective bookings or promises must be extended to any shipper or agent prior to explicit written approval from HML TPE/PJD, specifying all limitations and conditions of carriage.

In the event that a shipper, regardless of location, with or without prior knowledge tenders cargo to Evergreen America Corporation which is found (while in care of EGA), to be radioactive, that shipper (or, if overseas, the shipper's control office or agency) shall be held fully responsible for all costs or charges which may be incurred in the delivery, disposal or subsequent re-shipment of said cargo. These costs shall include, but not be limited to shipment, storage, environmental protection inspection and report, personal and corporate legal defense civil and criminal, radioactive waste disposal, DOT penalties and fines, etc.

Moreover, the above same requirement for radioactive substances is also valid in other nations except United States.

**1.4** The port of Singapore Authority Guide Dangerous PSA Group "1" cargoes are prohibited (as are large quantities of certain PSA Grp II cargo) aboard vessels without

special permission granted by HML Authority in Taipei. This is true regardless of whether the cargo actually transits or discharges at the port of Singapore, such special permission due to potential benefit must be obtained from HML TPE/PJD well in advance of intended shipment, which must be confirmed only after HML Regional Office Management is sure (based on Regional Office/OPD and BIZ staffs site visit, interview with shipper personnel, thorough review of packing, stuffing configuration, bracing and blocking design, review of pertinent emergency response procedures, etc.) that HML can safely and profitably handle the commodity in question. Requests for such study and permission should be made to HML Regional Office (EGA NYC/HMD, HML TPE/PJD), which will consult and report its findings to its Management, HML TPE/PJD and the Control Office.

Generally, SGP Port Guide Group "1" commodities are explosives (IMDG Class 1) very flammable liquids (IMDG Class 3.1, 3.2), certain flammable or pyrophoric solids or organic peroxides (IMDG Class 4.2, 5.1, 5.2), flammable gases (IMDG Class 2.1).

" Appendix A " is a list of commodities with their respective UN Nos. which are classified as PSA Port Guide Group \*1\*. This list attempts to be inclusive, but is provided for reference only. Specific queries regarding freight to be carried must be addressed to the Chief Hazmat Coordinator(s) of Regional Office.

**1.5** Chemicals with natures of toxic, bad smell and noxious air are prohibited from carriage in refrigerated containers.

Company owned reefer for chemicals is for food in general such as meat, vegetables, beef, fruits.... etc. to protect all our food shipments from contamination by dangerous/poisonous/ bad smell/offensive and corrosive cargoes and also in consideration of bad smell /noxious air may still keep inside of reefer units though repair shop proceed cleaning /washing, our company's policy rejects the above shipments stuffing inside reefer containers without prior explicit exception granted by Hatsu Authority in Taipei (HML TPE/PJD) for the specific commodity and shipper involved.

**1.6** In compliance with the Basel Convention on the control of trans-boundary movements of haz wastes and their disposal represents new norms, rules and procedures in law governing the movements and disposal of haz wastes at international as well as national levels, which represents the intention of the international community to solve this global environment problem in a collective manner, please refer to act as below: -

1. Wastes shipments for delivery must be presented a permitted notification and/or any documentation from origin and final discharging port's "EPA" and/or a Competent Authority, and in addition, all through ports also should confirm the acceptance of transiting subject wastes;
2. Wastes shipments should be booked by " port to port " term, and Company should not be liable to other types of delivery off port perimeters for inland destinations.
3. HML container for haz wastes shipments after discharging, the importer should be responsible for the cost of cleaning subject container, which the procedure shall be approved by "EPA".
4. Before the acceptance of booking wastes shipments, prior explicit telex to Regional Office/Operations and/or HML TPE/PJD should be confirmed according to above conditions of three items.

National control of wastes is prohibited and regulated by:

### **1.6.1 U.S.A. AND CANADA**

1. Inland transportation of haz wastes within territory of States and Canada is prohibited from acceptance except those inland carriers with EPA's license who are the specialized in handling haz wastes;
2. A container for shipment of hazardous wastes after discharging, the importer should be responsible for the cost of empty container cleaning and the procedure must be approved by "EPA".

### **1.6.2 SINGAPORE**

The "Hazardous Waste" are governed and stipulated under Singapore Ministry of Environment, which will be banned to discharge, transship or transit at Singapore without notification and permission to/from Singapore "EPA". Vessel conveyance of such materials will not be permitted entry into Singapore port, and person who contravenes or fails to comply with these provisions shall be guilty of an offence to jail conviction or 'heavy penalty fine might be liable up to half million dollars or both.

**1.7** In addition to those mentioned above, specific prohibitions from carriage aboard Hatsu vessels due to their highly risky natures (explosive, flammable, poisonous, etc.) are listed in below.

**1.8** Specific dangerous commodities restricted and/or prohibited from importing, transiting and transshipment by national regulations should be strictly observed and complied.

## **2. DG PRINCIPLE PROHIBITION**

**1.** IMO CLASS 1 / EXPLOSIVES

**2.** IMO CLASS 2.3 / TOXIC GASES

**3.** IMO CLASS 5.2 ORGANIC PEROXIDE

**4.** IMO CLASS 6.2 / INFECTIOUS SUBSTANCES

**5.** IMO CLASS 7 / RADIOACTIVE SUBSTANCES

**6.** IMO CLASS 3, FLAMMABLE LIQUID, FLASH POINT BELOW -18C

**7.** SUBSTANCES BELONG TO IMO CLASS PACKING GROUP I

(IMDG Code defined as: substances presenting high danger)

8.SELF REACTIVE SUBSTANCES.

9.IMO CLASS 4.2 / SPONTANEOUSLY COMBUSTIBLE SUBSTANCES

10.SELF HEATING SUBSTANCES

11.STOWAGE REQUIREMENT: MUST BE SHADED FROM RADIANT HEAT

12.STOWAGE REQUIREMENT: MUST BE KEPT AS COOL AS REASONABLY PRACTICABLE

13.SGP PSA GROUP I

14.LINE'S HISTORIC INCIDENTS / OTHERS

### 3. HML DG FORBIDDEN LIST (last version 5.1 dated on Nov.1st, 2003)

CLASS	UN NO.
1 Explosives	<b>ALL PROHIBITED</b>
2.1 Gases	1001,1011,1035,1057,1075,1954,1961,1964,1965,1966, 1969,1971,1972,1978,2034,2200,2203,2601,3138,3161, 3167
2.2 Non- flammable, Non-toxic gases	1003,1018,1028,1968,1973,2451,2455
2.3 Toxic gases	<b>ALL PROHIBITED</b>
3 Flammable Liquids	<b>All Flammable liquid substances FLASH POINT below -18°C, and Packing Group I substances and below specified UNNos</b> 1088,1090,1113,1127,1146,1154,1159,1160,1164,1190, 1203,1208,1224,1234,1265,1267,1275,1277,1298,2045, 2056,2246,2251,2256,2287,2288,2301,2347,2350,2370, 2377,2384,2398,2402,2457,2458,2460,2461, **2478,2612,2615,3248,3274,2758
4.1 Flammable Solids	1310,1320,1321,1322,1336,1337,1339,1344,1347,1348, 1349,1354,1355,1356,1357,1517,1571,2852,2956,3221, 3222,3223,3224,3225,3226,3227,3228,3229,3230,3231, 3232,3233,3234,3235,3236,3237,3238,3239,3240,3241, 3251,3317
4.2 Spontaneously Combustible	1361,1362,1363,1366,1370,1380,1381,1383,1854,1855, 2003,2005,*2008,2445,2447,*2545,*2546,2793,2845, 2846,2870,*2881,3049,3050,3051,3052,3053,3076,3088, 3190,3194,3200,3203,3254,3255,3313,3341,3342
4.3 dangerous when wet	1183,1242,1295,1360,1389,1391,*1392,1397,*1402,1404, 1407,1408,*1409,1410,1411,1413,1414,1415,*1418,1419 1420,1421,1422,1423,1426,1427,1428,1432,1433,1435, *1436,1714,1870,1928,2010,2011,2012,2013,2257,2463, 2806,2813,2965,2988,3129,3130,3131,*3132,3134,3135,

	3148,3170,3207,3208,3209
<b>5.1 Oxidizing Substances</b>	1442,1450,1454,1458,1459,1461,1462,1477,1479,1481, 1482,1483,1485,1491,1495,1500,1504,1510,1512,1745, 1746,1748,1873,1942,2014,2015,2067,2068,2069,2070, 2072,2208,2426,2465,2466,2495,2547,2626,2627,2880, 2984,3085,3087,3098,3099,3100,3121,3137,3139,3149, 3210,3211,3212,3213,3214,3218,3219
<b>5.2 Organic Peroxides</b>	<b>ALL PROHIBITED</b>
<b>6.1 Toxic Substances</b>	1051,1092,1098,1135,1143,1163,1182,1185,1238,1239, 1244,1251,1259,1541,*1544,1553,1555,*1556,*1557,1560, 1565,1570,1575,1580,*1583,*1588,1591,1595,*1601,*1602, 1605,1613,1614,1626,1642,1647,1649,*1655,1670,1672, 1680,1689,1692,*1693,1694,1695,1697,1698,1699,1713, 1722,1752,1809,1889,1892,*1935,1994,2021,2023,*2024, *2025,*2026,2074,2078,2232,2249,2250,2267,,2285,2295, 2316,2317,2322,2334,2337,2382,2407,2438,2471,2477, 2480,2482,2484,2485,2487,2488,2515,2521,2558,2570, *2588,2606,2611,2628,2629,2630,2642,2644,2646,2647, 2649,2650,2653,2668,2669,2671,2740,2742,2743,2744, 2745,2746,2747,2748,2757,2759,*2761,*2763,*2771,*2775, *2777,*2779,*2781,*2783,*2785,*2786,*2788,*2810,*2811, 2839,*2902,*2903,*2927,*2928,*2929,*2930,2991,2992,* 2993,*2994,*2995,*2996,*2997,*2998,*3005,*3006,*3009, *3010,*3011,*3012,*3013,*3014,*3015,*3016,*3017,*3018, *3019,*3020,*3023,*3025,*3026,*3027,3048,3080,*3086, *3122,*3123,*3124,*3125,*3140,*3142,*3143,*3144,*3146, 3172,3246,*3275,*3276,*3277,*3278,*3279,*3280,*3281, *3282,*3283,*3284,*3285,*3287,*3288,*3289,*3290,3294, 3315,*3345,*3347,*3348,*3349,*3351,*3352
<b>6.2 Infectious Substances</b>	<b>ALL PROHIBITED</b>
<b>7 Radioactive Material</b>	<b>ALL PROHIBITED</b>
<b>8 Corrosive Substances</b>	1052,1727,1739,1740,1744,1754,1758,*1759,*1760,1777, 1786,1790,*1796,1798,1811,*1826,1828,1829,1831,1834, 1836,*1903,1905,2029,*2031,2032,2054,2218,2240,2280, 2401,*2430,2439,2578,2579,2604,2670,2683,2691,2692, 2699,2734,*2735,*2801,2815,**2818,2820,2823,2851, 2879,2920,2921,*2922,*2923,*3084,*3093,*3094,*3095, *3096,*3145,*3147,*3259,*3260,*3261,*3262,*3263,*3264, *3265,*3266,*3267,*3301
<b>9 Miscellaneous D.G. Substances</b>	1941,2315,3151,3152

**Others Prohibited :**

1. All industrial hazardous waste shipment
2. Goods requiring temperature control by IMDG CODE
3. Dangerous goods in container as AS BULK
4. "\*" means Packing Group I substance
5. "\*\*" means Packing Group II substance
6. "\*\*\*" means Packing Group III substance