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To: All IMO Member States
United Nations and specialized agencies
Intergovernmental organizations
Non-governmental organizations in consultative status
Liberation movements

Subject: **List of solid bulk materials possessing chemical hazards which are mentioned by name in the IMSBC Code and also in the IMDG Code in effect in 1996; and list of solid bulk materials possessing chemical hazards which are mentioned by name in the IMSBC Code but *not* in the IMDG Code in effect in 1996**

The Secretary-General has the honour to transmit herewith revised lists of:

- (i) solid bulk materials possessing chemical hazards which are mentioned by name in the International Maritime Solid Bulk Cargoes (IMSBC) Code and which are also mentioned by name in the International Maritime Dangerous Goods (IMDG) Code in effect in 1996; and
- (ii) solid bulk materials possessing chemical hazards which are mentioned by name in the IMSBC Code, but which are not mentioned by name in the IMDG Code in effect in 1996,

prepared by the Secretariat and set out in annexes 1 and 2 respectively, as information for use by States which are considering becoming Parties to the 2010 Protocol to amend the International Convention on Liability and Compensation for Damage in Connection with the Carriage of Hazardous and Noxious Substances by Sea, 1996 (HNS PROT 2010).

ANNEX 1

LIST OF SOLID BULK MATERIALS POSSESSING CHEMICAL HAZARDS WHICH ARE MENTIONED BY NAME IN THE IMSBC CODE AND WHICH ARE ALSO MENTIONED BY NAME IN THE IMDG CODE IN EFFECT IN 1996

1 A number of solid bulk materials mentioned by name in the IMSBC Code possessing chemical hazards, also present significant hazards when carried in packaged form as per the IMDG Code, in effect in 1996. These materials are:

Bulk cargo shipping name/Proper shipping name

Aluminium ferrosilicon, powder (UN 1395)
Aluminium nitrate (UN 1438)
Aluminium silicon powder, uncoated (UN 1398)
Aluminium smelting by-products or
Aluminium remelting by-products (UN 3170)¹
Ammonium nitrate (UN 1942)
Ammonium nitrate based fertilizer (UN 2067)²
Ammonium nitrate based fertilizer (UN 2071)³
Barium nitrate (UN 1446)
Calcium nitrate (UN 1454)
Castor beans or Castor flake or Castor meal or Castor pomace (UN 2969)
Copra dry (UN 1363)
Ferrosilicon, with 30% or more but less than 90% silicon (including briquettes)
(UN 1408)
Ferrous metal borings, shavings, turnings, or cuttings (UN 2793)
Fishmeal (Fishscrap), stabilized, anti-oxidant treated (UN 2216)
Iron oxide, spent or Iron sponge, spent (UN 1376)
Lead nitrate (UN 1469)
Magnesium nitrate (UN 1474)
Potassium nitrate (UN 1486)
Radioactive material, low specific activity (LSA-I) (UN 2912)⁴
Radioactive material, surface contaminated objects (SCO-I or SCO-II) (UN2913)⁵
Seed cake (UN 1386)
Seed cake (UN 2217)
Sodium nitrate (UN 1498)
Sodium nitrate and potassium nitrate mixture (UN 1499)
Sulphur (crushed lump and coarse grained) (UN 1350)
Zinc ashes (UN 1435)

2 The above list is indicative and should not be considered as exhaustive.

¹ Known as Aluminium processing by-products as per the IMDG Code, amendment 27-94.

² Known as Ammonium nitrate fertilizers as per the IMDG Code, amendment 27-94.

³ Known as Ammonium nitrate fertilizers as per the IMDG Code, amendment 27-94.

⁴ Known as Radioactive material, low specific activity (LSA), N.O.S. as per IMDG Code, amendment 27-94.

⁵ Known as Radioactive material, surface contaminated objects(s) (SCO-I) and (SCO-II) as per IMDG Code, amendment 27-94.

ANNEX 2

LIST OF SOLID BULK MATERIALS POSSESSING CHEMICAL HAZARDS WHICH ARE MENTIONED BY NAME IN THE IMSBC CODE BUT WHICH ARE NOT ALSO MENTIONED BY NAME IN THE IMDG CODE IN EFFECT IN 1996

1 A number of solid bulk materials mentioned by name in the IMSBC Code possessing chemical hazards, do not present significant hazards when carried in packaged form as per the IMDG Code in effect in 1996. These materials, which are defined as "Materials hazardous only in bulk" (MHB) and fall under group B of the IMSBC Code, are:

Bulk cargo shipping name

Brown coal briquettes
Charcoal
Coal
Direct reduced iron, Briquettes, hot moulded (A)
Direct reduced iron, Lumps, pellets, cold-moulded briquettes (B)
Direct reduced iron, By-product fines (C)
Ferrophosphorus (including briquettes)
Ferrosilicon, with 25% to 30% silicon, or 90% or more with silicon (including briquettes)
Fishmeal (Fishscrap), stabilized, anti-oxidant treated*
Fluorspar
Lime (unslaked)
Linted Cotton Seed
Magnesia (unslaked)
Metal sulphide concentrates
Peat moss
Petroleum coke (calcined or uncalcined)
Pitch prill
Pyrites, calcined (Calcined Pyrites)
Sawdust
Silicomanganese (low carbon)
(with known hazard profile or known to evolve gases)
(with silicon content of 25% or more)
Tankage
Vanadium ore
Woodchips
Wood pellets
Wood pulp pellets

2 The above list is indicative and should not be considered as exhaustive.

* The provisions of Fishmeal (Fishscrap), stabilized UN 2216, should not apply to consignments of fishmeal, group C, which are accompanied by a certificate issued by the competent authority of the country of shipment, stating that the material has no self-heating properties when transported in bulk.