

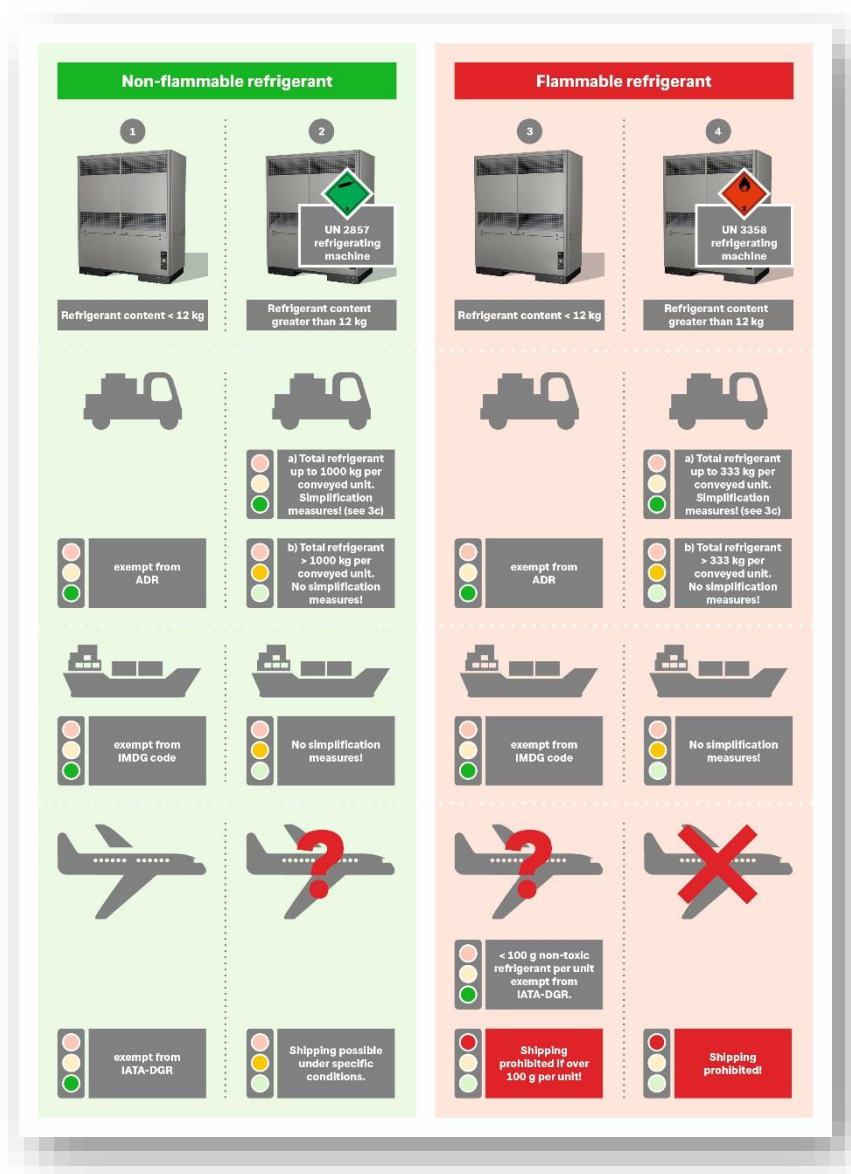
## Information Concerning Transport of Hazardous Materials

### 1. Mode of Transport

Different legislation is in force with respect to the mode of transport: Road (law governing transport of dangerous goods GGBefG and ADR), transport by sea (IMDG) or air carriage (IATA). Please also observe the national regulations in the country of import that may deviate from the following regulations.

### 2. Quantity of Refrigerant per Refrigerating Machine

Essentially to be distinguished with respect to inflammability and mass contained (< or > 12 kg)



### 3. Road for more than 12 kg Refrigerant per Item


a) The following information must be contained in the transport documents:


Form not required. Language „German“.

- Substance specific entry  
e.g.:  
**UN 2857 Refrigerating Machine, 2.2, (E)** for non-combustible refrigerants  
**UN 3358 Refrigerating Machine, 2.1, (D)** for combustible refrigerants  
(UN-Number, official identifier, danger label no., tunnel code)  
Note 1: Tunnel code specifies admissible tunnels to be traversed  
Note 2: For class 2.1 and 2.2, a packaging group is not relevant.
- Quantity and Type of Packaging:  
Boxes with gross or net weight, material code acc. to material of packaging: **(4G)** cardboard box, **(4D)** wooden box or **(4H1)** plastics crate (e.g. foil with Styrofoam edges), to be selected according to packaging used  
e.g.: **3 boxes (4D) with 1.428 kg** or  
**3 boxes (4D) 3x 238 kg**
- **Names and Address Consignor**
- **Name and Address Consignee**

b) Responsibilities:

- In the case of **self-collectors**, the document must be prepared and signed by the client. **Glen Dimplex in writing transmits only substance-specific information to the client.**
- For **deliveries** to the client on the other hand, Glen Dimplex is responsible for preparing and signing the document. Before the order is placed, it must be agreed with the logistics provider, who is responsible for preparing and signing the documents. If Glen Dimplex is responsible, the document may be signed by any member of the team disposing of a qualification with respect to transport of hazardous material.
- The following marking is required at one side of the transported goods:

➤ Danger label 2.1 for UN 3358  or

➤ Danger label 2.2 for UN 2857  and

➤ UN Code: „**UN 2857**“ or „**UN 3358**“

c) The vehicle must dispose of the following marking / equipment:

- As Glen Dimplex normally does not supply more than 1,000 kg of non-combustible resp. more than 333 kg of combustible refrigerant on one single vehicle (tractor vehicle and trailer), contained in total in all refrigerating machines, the company benefits from the relaxation rules. (Firmly installed refrigerating machines belonging to the vehicle itself in this calculation are not taken into consideration). ADR marking of the vehicle as well as ADR certificate for the driver are **not necessary**, and the required equipment restricts to a 2 kg fire extinguisher.
- In the case of transport exceeding these quantities, the full ADR regulation must be respected, including vehicle marking, qualification of driver and safety equipment of the vehicle.

#### 4. Transport by Sea for more than 12 kg refrigerant per item

a) The following information must be contained in the transport documents:

IMO Form required. Language „English“

Substance specific entry e.g.:

**UN 2857 Refrigerating Machine, 2.2, (E)** for non-combustible refrigerants

**UN 3358 Refrigerating Machine, 2.1, (D)** for combustible refrigerants

(UN-Number, official identifier, danger label no.)

Note 1: For pre-carriage to the harbor, information acc. to ADR must be included (tunnel code)

Note 2: For class 2.1 and 2.2, a packaging group is not relevant.

Quantity and Type of Packaging:

Boxes, material code acc. to material of packaging: **(4G)** cardboard box, **(4D)** wooden box or **(4H1)** plastics crate (e.g. foil with Styrofoam edges), to be specified according to packaging used:

e.g.: **3 Boxes (4D)**

Fire-Code, Firefighting - Ship and Spill-Code - Leakage

F-C = Non-Flammable Gases

F-D = Flammable gases

S-V = Gases (Non-flammable, Non-toxic)

S-U = Gases (Flammable, Toxic or Corrosive)

e.g.: for UN 2857 **Fire F-C, Spill S-V**

UN 3358 **Fire F-D, Spill S-U**

Date, Names and Address of Consignor, Name and Address of Consignee

Carrier, name of the ship, loading and discharging port

b) Responsibilities:

- In the case of **self-collectors**, the document must be prepared and signed by the client. **Glen Dimplex in writing transmits only substance-specific information to the client.**
- For **deliveries** to the client on the other hand, Glen Dimplex is responsible for preparing and signing the document.
- Number of accounting entry, carrier, name of the ship, loading and discharging port have to be added by the forwarding agency.
- The container packaging certificate must be issued by the enterprise responsible for the packaging procedure. For LCL and Bulk (objects exceeding the dimensions of the container), this is the packing shed, for FCL the forwarding agency performing the loading procedure.

c) The following marking is required at one side of the transported goods:

refer to 2b.

d) The vehicle must dispose of the following marking / equipment:

refer to 2c for pre- and after-carriage (i.e. transport to the final destination) via road.

e) Sample of IMO declaration form:

# 1. BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

## nach §8 GGVSee (IMO-ERKLÄRUNG) TRANSPORT DOCUMENT FOR DANGEROUS GOODS (IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4  
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, Regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) – Shipper (Name & Address)		Buchungsnummer(n) – Reference number(s)		Seite 1 von 1	
Empfänger – Consignee		Beförderer – Carrier			
<b>CONTAINER/FAHRZEUG-PACKZERTIFIKAT</b> <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b>  <b>ERKLÄRUNG</b> Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde <b>DECLARATION</b> It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1  <b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b> <b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>		Container-/Fahrzeug-Nr.: Container-/Vehicle-No.: Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory		Ort und Datum Place and date  Unterschrift für den Packer Signature on behalf of packer	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Ladehafen Port of loading		Frei für Text, Anweisungen und sonstige Angaben Reserved for text, instructions or other matter	
Löschhafen – Port of discharge					
UN-Nr. UN-No.	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) *	Klasse/Unter- Klasse nach IMO IMO-Class	Verpackungs- gruppe Packing group	Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages
2857	Refrigerating machines	2.2	-	xxxx Remark: Number of shipped item, Reference to be added by logistics service provider	Q'ty. of Boxes (4G) cardboard (4H) plastics (foil with Styrofoam edges), to be selected acc. to transport prescription
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse Net quantity/volume/mass Netto Explosivstoffmasse *** – Net explosive mass ***		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften / Properties Flammpunkt / Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **		Güter angeliefert als / Goods delivered as:
<b>Gross weight: xxxx kg x Qty. Of units</b> <b>Net weight: xx kg x Qty. Of units</b>  Remark: Gross weight = Total weight of units Net weight = Mass of hazardous material = Weight of refrigerant per unit		<b>Fire F-C Spill S-V</b>	<b>Not applicable</b>		<input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.)  <input type="checkbox"/> offen / open <input type="checkbox"/> geschlossen / closed  Zutreffendes ankreuzen / Insert „x“ in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
* Marken- oder Herstelleramen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; --- * Proprietary/trade names alone are not sufficient. If applicable: (1) the word „WASTE“ should precede the name; (2) „EMPTY UNCLEANED“ or „RESIDUE – LAST CONTAINED“ should be added; (3) „LIMITED QUANTITY“ should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;					
ZUSÄTZLICHE ANGABEN – Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION – In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).					
<b>ERKLÄRUNG</b> Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand.  <b>DECLARATION</b> I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.			Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory  Ort und Datum Place and date  Unterschrift für den Versender Signature on behalf of shipper		

## 5. Carriage by Air

A variety of regulations and provisions must be observed when transporting dangerous goods by air. In addition, many carriers refuse in principle to transport dangerous goods by air. For this reason, Glen Dimplex does not allow chillers with more than 12 kg non-combustible refrigerant or with combustible refrigerant (including less than 12 kg) to be shipped by air as dangerous goods\*.

If the customer accepts responsibility for the transport, the customer is free to decide differently.

Chillers for air transport with more than 12 kg refrigerant or combustible refrigerant are always shipped without refrigerant\*. This means that, following testing at Glen Dimplex, refrigerant is always removed from the unit at the factory in principle.

After this preparatory measure, the goods do not represent hazardous material anymore and can be requested and shipped in conventional manner.

**Note: \*Chillers with less than 100 grams of combustible refrigerant are exempt from these regulations.**

The removal of the refrigerant is documented by means of the following label, to be signed and attached on the package:

452232.28.11 b	
<b>Achtung!</b>	<b>Attention!</b>
<b>Für Beförderung im Luftverkehr gesamtes Kältemittel evakuieren.</b>	<b>For carriage by air transport evacuate the entire refrigerant.</b>
Evakuiert am: / Evacuated on:	Durch: / Through:

Note:

Refrigerating machines with combustible refrigerant at a quantity less than 12 kg, this label is already attached in the production department (without signature). In this case, the refrigerant has not been removed. The label is only intended to inform the client.

## 6. Example for substance-specific information, intended for self-collectors and/or forwarding agencies / logistics service providers

### Information for Transport of Hazardous Materials

#### ADR:

UN 2857 Refrigerating machine,2.2, (E)  
3 boxes (4D) with 1.428 kg

#### IMDG:

UN 2857, Refrigerating machines, IMO-Class 2.2  
3 Boxes (4D)  
Gross weight: 1.428 kg  
Net weight: 47.4 kg  
Fire F-C  
Spill S-V  
Flashpoint: not applicable  
Tunnel-Code: (E)

## 7. **Safety Data Sheet**

Acc. to article 7 REACH, Glen Dimplex is not bound to register the refrigerating machines and to inform the European Chemicals Agency, as these machines are deemed to be permanently closed and exposure to humans and environment can be excluded.

On the other hand, Glen Dimplex is obliged to inform the client, by means of installation and operating instructions included in the delivery, with respect to correct use and disposal.

Upon request, Glen Dimplex can also supply a safety data sheet of the corresponding refrigerant. Note that information contained only relates to the substance itself and not to the machine as a whole.

For safety data sheets, refer to our website, as follows:  
[www.gdts.one/en/regulations](http://www.gdts.one/en/regulations)