

Dangerous Goods AutoCheck



**DGD forms that are not
compatible with DG AutoCheck**

Introduction

This document is a set of examples of shipper's declarations for dangerous goods that DG AutoCheck is unable to read correctly. The system uses an OCR (Optical Character Recognition) to transform text into data, its success depends on the quality of the DGD scans.

Each example explains why it will not work, and if possible, recommends a solution.

DG AutoCheck supports forms that follow the IATA recommended formats:

<https://www.iata.org/whatwedo/cargo/dgr/Pages/shippers-declaration.aspx>

Non-compliant data in DG identification

NATURE AND QUANTITY OF DANGEROUS GOODS						
DANGEROUS GOODS IDENTIFICATION						
UN or ID No.	Proper Shipping Name UN and Qty not aligned causing difficulties to match	Class or Division (Subsidiary Risk)	Pack Grp	Quantity and Type of Packing	Pack Inst.	Authorization
UN3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (SULFURIC ACID)	8	II	1 Fibreboard Box X 7.106 kg No. 1	859	
UN1325	FLAMMABLE SOLID, ORGANIC, N.O.S. (DIMETHYLGLYOXIME)	4.1	III	0.500 kg	446	
UN1334	NAPHTHALENE, REFINED	4.1	III	0.250 kg ALL PACKED IN ONE Fibreboard Box Q = 0.1 No. 2	446	
UN2811	TOXIC SOLID, ORGANIC, N.O.S. (DOXEPIN HYDROCHLORIDE)	6.1	III	0.002 kg	677	
UN2206	ISOCYANATES, TOXIC, N.O.S. (DODECYL ISOCYANATE)	6.1	III	0.005 L	663	
UN2319	TERPENE HYDROCARBONS, N.O.S.	3	III	0.005 L	366	
UN1593	DICHLOROMETHANE SOLUTION	6.1	III	0.023 L	663	
				Continue on Next Page		

Non-compliant notes are printed in the "Quantity and Type of Packing" column.

Contact the shipper to move the non-compliant data to the "Authorization" column.

Additionally, the "Quantity and Type of Packing" should face the corresponding UN number to avoid ambiguity. (e.g. UN3260 & 1 Fibreboard Box)

DG identification not following form boundaries

“Proper Shipping Name” and “Quantity and type of packing” data go beyond their columns. This is not compliant with the regulations.

Contact the shipper to instruct them to follow the column boundaries.

NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods identification						
UN or ID No.	Proper Shipping Name	Class or Division (subsidiary Risk)	Pack- ing Group	Quantity and type of packing	Packing Inst.	Authorization
UN2253	N,N-DIMETHYLANILINE	6.1	II	0.11 L	654	
UN1325	FLAMMABLE SOLID, ORGANIC,N.O.S. (TALC MIXTURE)	4.1	III	3.0KG ALL PACKED IN ONE FIBREBOARD BOX	446	

Unreadable data

NATURE AND QUANTITY OF DANGEROUS GOODS					
Dangerous Goods Identification					
UN or ID No	Proper Shipping Name	Class or Division (Subsidiary Risk)	Packing Group	Quantity and type of packing	Packing Inst
UN 3212	Esters, n.o.s. (Ethyl hexanoate)	3	III	1 plastic drum x 100 L. OVERPACK USED	366

Parts of the DG identification are missing or are covered by ink making them unreadable by the OCR.

A better copy of the DGD should be used. It is recommended to scan original DGDs.

UN2923	CORROSIVE SOLID, TOXIC, N.O.S. (LITHIUM SULFIDE)	8 (6.1)	II	0.015 kg	863
UN3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ETHOXYLATED POLYETHYLENIMINE IN WATER)	8	III	0.276 L	856
UN2270	ETHYLAMINE, AQUEOUS SOLUTION	3 (8)	II	0.500 L	363
UN3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	III	2.000 L	856

Handwritten notes

UN 3316	CHEMICAL KIT	9	II	1 Fibreboard box x 0.72 kg ✓	960
UN 3316	CHEMICAL KIT	9	II	1 Fibreboard box x 2.28 kg ✓	960
UN 3316	CHEMICAL KIT	9	II	1 Fibreboard box x 2.64 kg ✓	960
UN 3316	CHEMICAL KIT	9	II	1 Fibreboard box x 2.16 kg ✓	960
UN 3316	CHEMICAL KIT	9	II	1 Fibreboard box x 1.92 kg ✓	960

Notes have been written on the DG identification.

Use the original DGD with no handwritten notes added by users.

This marks will be read as random data by the OCR.

Quality of the scan is too low

NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods Identification						
UN or ID No.	Proper Shipping Name	Class or Division (subsidiary hazard)	Packing Group	Quantity and Type of Packing	Packing Inst.	Authorization
UN 3091	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT	9		1 Fibreboard box x 6.96 kg	970	
UN 3091	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT	9		1 Fibreboard box x 12.87 kg	970	
				Overpack used		
				Total quantity 19.83 kg		

The printing of the DG identification will be difficult to read by the OCR.

Scan the original document with a resolution of 300 or 400dpi.

Avoid scanning Xerox copies of the DGDs.

UN 3091 LITHIUM METAL BATTERIES
CONTAINED IN EQUIPMENT

Scanner has defects

This shipment is within the limitations prescribed for: (delete non-applicable)		Airport of Departure: Munich		the applicable law, subject to legal penalties.			
<input type="checkbox"/> PASSENGER AND CARGO AIRCRAFT		<input checked="" type="checkbox"/> CARGO AIRCRAFT ONLY					
Airport of Destination: Rio de Janeiro		Shipment type: (delete non-applicable)					
		<input checked="" type="checkbox"/> NON-RADIOACTIVE				<input type="checkbox"/> RADIOACTIVE	
NATURE AND QUANTITY OF DANGEROUS GOODS							
Dangerous Goods Identification							
UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Pack- ing Group	Quantity and type of packing	Packing Inst.	Authorization	
UN1993	Flammable liquid, n.o.s. (contains Acetonitrile)	3	III	2,00 L	355		
UN1824	Sodium hydroxide solution	8	III	2,00 L	852		
UN1789	Hydrochloric acid solution	8	III	0,04 L	852		
				All packed in one Fibreboard box x 5			
				Q = 0.5			

Due to the vertical lines left by the scanner, the OCR won't be able to read the data properly.

Use a different scanner.

Unreadable DG identification headers

DG AutoCheck uses the DG identification headers to locate the data. Printing a dark background makes it almost impossible for the OCR to read them.

Contact the shipper to follow the examples of the DGR (e.g. 8.1.B)

Damaged DGD copies should be avoided too.

NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods Identification						
UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Packing Group	Quantity and type of packing	Packing Inst.	Authorization
UN1088	ACETAL	3	II	1 STEEL DRUM X 10L (OVERPACK USED) OVERPACK ID#A1 TOTAL NET QTY PER OVERPACK USED 10L	364	
UN2785	4-THIAPENTANAL	6.1	III	1 ALUMINIUM DRUM X 1L (OVERPACK USED X 2) OVERPACK ID#B1-B2 TOTAL NET QTY PER OVERPACK USED 1L	663	

NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods Identification				Quantity and type of packaging	Packing Inst.	Authorization
UN or ID No.	Proper Shipping Name	Class (Subsidiary Risk)	Packing Group			
UN2289	ISOPHORONEDIAMINE	8	III	1 Fiberboard box x 250ml	852	

Bilingual DG identification headers

DG AutoCheck uses the DG identification headers to locate the data. Additional language text makes it impossible for the OCR to read them.

Contact the shipper to follow the examples of the DGR (e.g. 8.1.B)

NATURE AND QUANTITY OF DANGEROUS GOODS (see sub-section 8.1 of IATA Dangerous Goods Regulations)							
NATURE ET QUANTITE DE MARCHANDISES DANGEREUSES (voir chapitre 8.1 de la réglementation IATA pour le transport des marchandises dangereuses)							
Dangerous Goods Identification <i>Identification des marchandises dangereuses</i>				Quantity and type of packing <i>Quantité et type d'emballage</i>	Packing Instruction <i>Instruction</i>	Authorization <i>Autorisations</i>	
UN or ID No <i>Code UN</i>	Proper Shipping name <i>Nom spécifique d'expédition</i>	Class or Division <i>Classe ou division (Sub. risk) (Risque subsidaire)</i>	Packing Group <i>Groupe d'emballage</i>				