

IF THERE'S ONE MODE OF TRANSPORTATION THAT TRULY ENABLES THE GLOBAL ECONOMY,

IT'S AVIATION.

\$18.6 BILLION

VALUE OF GOODS SENT EACH DAY BY AIR

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EXPORTS BY VALUE TONS OF FREIGHT SHIPPED IN 2015

PERCENTAGE OF INTERREGIONAL

\$2,700,000,000,000 OVERALL ECONOMIC IMPACT OF AVIATION'

AND IF YOU'VE EVER SHIPPED DANGEROUS GOODS BY AIR, YOU SHOULD KNOW THE NAME IATA

(the International Air Transport Association).



Of the 2.58 billion tons of hazmat shipped in the U.S. each year,



ONLY 261.000 TONS GO BY AIR.2

While air shipments represent less than 1% of the total tonnage, they account for

~5% OF ALL **DANGEROUS GOODS SHIPMENTS.**³





In late July, IATA released a document summarizing the changes that will appear in the 58th edition of the Dangerous Goods Regulations (IATA DGR), which will become

EFFECTIVE ON JANUARY 1, 2017.





As always, we encourage you to review the upcoming changes for yourself (which you can do at labelmaster.com/blog), but we've highlighted a few of the significant ones here.



CHANGES ON THE FLY

A new paragraph was added (1.2.8.2) that clarifies what happens if the regulations change while your shipment is in transit.



Bottom line—if the shipment was compliant when it left, it's OK through to its destination.



ABSORBING READING

When shipping liquid dangerous goods, section 2.6.5 now allows for the **absorbent material** to be either in the **intermediate packaging or the outer packaging**.



BANNED ON PASSENGER AIRCRAFT

Among the changes to the List of Dangerous Goods (4.2), the entry for UN 3480 (lithium batteries) now shows "forbidden" across columns I and J to reflect the April 1, 2016 rule that restricted UN 3480 to Cargo Aircraft Only.

THE LATEST LITHIUM LABELS

All the entries for lithium batteries in the List of Dangerous Goods (4.2) have been revised to indicate the new lithium battery Class 9 label.





This new hazard class label comes into effect January 1, 2017 with a two-year transitional period during which time the existing Class 9 – Miscellaneous hazard label may still be used.

¹www.aviationbenefits.org

²http://www.rita.dot.gov/bts/sites/rita.dot.gov.bts/files/publications/commodity_flow_survey/2012/hazardous_materials/table1a ³http://www.phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/Files/app e.pdf

HEAVY LIFTING

New provisions in section 5.0.1.12 have been added to **allow** (with the approval of the authorities of the States of origin and the operators) for the use of UN specification large packagings for articles that weigh in **excess of 400 kg (880 lbs.)**.



These are just a few of the changes you can expect in the new IATA DGR. There are new provisions for **polymerizing substances** (PI 459), new subsidiary risks assigned to **uranium hexafluoride** (yes, both fissile and non-fissile) (4.2) and new provisions for calculating the **internal pressure of liquefied gasses charged with a compressed gas in a cylinder** (PI 200).

LEARN MORE

Visit labelmaster.com/iata for the latest editions of the DGR and more IATA resources.









Labelmaster is an official IATA Publication Sales Agent. Our teams are ready to help answer any and all questions regarding these changes, and we have the packaging, labels, marks and documentation you need to stay compliant!