

RESEARCH LIST

Dangerous Goods Software: 6 Compared for Road, Air and Sea (2026)

8 October 2026 · Vektor Group

Dangerous goods software comes in three kinds: documentation tools that print declarations, validation tools built around one mode, and compliance modules inside an ERP. Mode coverage is decided module by module.

Each mode below is either named on the vendor's module page or marked not established. Two free reference sources are included and labelled as references, not software.

EXHIBIT 1

How the six compare

Product and category	Road scope evidenced	Air and sea scope evidenced	Documentation or reference	Integration evidence	Access and licence	Question for the demo
Vektor ADR reference tools, free reference tools	ADR facts and calculators	Not covered	Reference only	Datasets to download; no API stated	Free, CC BY 4.0, no registration	Not applicable
DGOffice, documentation software	ADR, 49 CFR, TDG, ADG road module	ICAO/IATA air and IMDG sea modules	Documentation with regulatory lookup	Web services for ERP, WMS, TMS; nShift and CHAMP plug-ins	Annual Essential licence for 1 to 2 modes; 14 day trial via reseller	Print our road to sea load from our article data
Labelmaster DGIS Essentials, validation software	US ground (PHMSA); ADR not named	IATA air, IMDG sea	Documentation and validation	ERP and WMS API named for Enterprise	One year subscription, cloud; price not stated	Is ADR available, in which tier, with which document?
Hazcheck Validate, maritime validation	ADR and 49 CFR within an intermodal journey	IMDG sea; air not named	Validation and DGD, DGN output	REST API, EDI (IFTDGN, IFTMBF)	Free trial on request; price not stated	Can it validate a road only ADR load?

Product and category	Road scope evidenced	Air and sea scope evidenced	Documentation or reference	Integration evidence	Access and licence	Question for the demo
SAP S/4HANA for product compliance, enterprise compliance	ADR classification app and ADR note in SAP TM	IATA-DGR and IMDG named in a lesson; output not established	Classification, checks and documents in the ERP	Embedded in S/4HANA; documents in SAP TM	Separate licence; S/4HANA required; price not stated	Which regulation versions ship, and who activates updates?
BAM DGG, public reference database	ADR and RID data files	ICAO and IMDG data files	Reference only	Excel and CSV downloads	Free since 23 July 2025, dl-de/by-2-0	Not applicable

EXHIBIT 2

Where to start

Your situation	Where to look
Check ADR facts for one UN number or a 1,000 point load, free	Our free ADR reference tools (entry 1), then BAM DGG (entry 6)
Print road, sea and air declarations from one online system	DGOffice (entry 2), licensed per mode
Validate US ground, air and sea shipments	Labelmaster DGIS Essentials (entry 3)
Check container bookings against the IMDG Code	Hazcheck Validate (entry 4)
Classify products inside an S/4HANA system	SAP S/4HANA for product compliance (entry 5)
Load regulation data into your own system	BAM DGG data files (entry 6)

Sources

Vektor Group, Dangerous goods and ADR reference data <https://vektorgroup.eu/resources>

Vektor Group, UN number database <https://vektorgroup.eu/un-number-database>

DGM Software Development Group, DGOffice software <https://dgm-sdg.com/solutions/software/>

DGOffice road module <https://dgm-sdg.com/solutions/software/road-module/>

DGOffice sea module <https://dgm-sdg.com/solutions/software/sea-module/>

DGOffice air module <https://dgm-sdg.com/solutions/software/air-module/>

DGOffice web services <https://dgm-sdg.com/solutions/web-services/>

DGOffice integrated solutions <https://dgm-sdg.com/solutions/integrated-solutions/>

DGOffice licence plans <https://dgm-sdg.com/license-plans/>

DGOffice, Dangerous goods regulatory updates, 31 August 2026 <https://dgm-sdg.com/news/dangerous-goods-regulatory-updates/>

DGM Deutschland, DGOffice (reseller) <https://www.dgm-deutschland.de/dgoffice>

Labelmaster, DGIS Essentials <https://www.labelmaster.com/dgeo/dgis/essentials>

Labelmaster, DGIS overview <https://www.labelmaster.com/dgeo/dgis>

Labelmaster, Dangerous goods lists <https://www.labelmaster.com/software/dangerous-goods-lists>

NCB Hazcheck, Hazcheck Validate <https://hazcheck.com/product/hazcheck-validate/>

NCB Hazcheck, Hazcheck Web Service <https://hazcheck.com/product/hazcheck-web-service/>

SAP, S/4HANA for product compliance <https://www.sap.com/products/scm/product-compliance.html>
SAP, product compliance features <https://www.sap.com/products/scm/product-compliance/features.html>
SAP Help, Classify Dangerous Good According to ADR, Unpackaged Product https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/35751be3d6ee423197492574e016a512/345ac749fd8d4abc8b1e559df69f14dd.html
SAP Help, ADR Dangerous Goods Note https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/e3dc5400c1cc41d1bc0ae0e7fd9aa5a2/bac77520e7c04a718825c265dbf48749.html
SAP Learning, Applying Dangerous Goods Regulations <https://learning.sap.com/courses/exploring-dangerous-goods-in-sap-s-4hana-for-product-compliance/applying-dangerous-goods-regulations>
BAM, DGG-Info <https://www.dgg.bam.de/dgginfo/?lang=en>
BAM, Dangerous Goods Database <https://tes.bam.de/en/dangerous-goods-database>
BAM, Dangerous goods data service <https://tes.bam.de/en/dangerous-goods-database/products/dangerous-goods-dataservice>
BAM, Rechtliche Hinweise (terms of use) <https://tes.bam.de/datenbank-gefahrut/rechtliche-hinweise>

Meridian Land Ventures LLC, trading as Vektor Group, Tallinn, Estonia