



## Filter a Manifest List by Incompatibility Report

What is an Incompatibility Report?

### Incompatibility Report

The “**Incompatibility Report**” is a summary of storage incompatibility based on Dangerous Goods Classification. Each chemical in a Manifest folder/store is checked in combination with all other chemicals for any incompatibilities. This logic includes all sub-folders if the report is generated from a parent folder. The report provides segregation guidance notes for incompatible goods through an information icon tag

There are three primary categories used for the incompatibility conclusion.

- **Compatible** - chemicals can be stored together with other chemicals in store
- **Incompatibilities may exist** - provided the chemicals falls under the same class
- **Segregation** - chemicals must be separated by a specific distance apart from each other


The following steps illustrate ‘**how to derive a specific hazard report based on the incompatibilities of dangerous goods**. To achieve this activity, two tasks must be carried out.




Task	Action	Reason	Expectation
Manifest Hazards Filter for Incompatibility Report 	Users can filter  a list by Incompatibility Report	Filter  a manifest list of chemicals in any folder to Print , Save  or Email  the report for the identification of incompatibilities of chemicals in a location.	 Generally, users with access to Manifest can use the hazards filter
Print, Save or Email Report 	Users can Print , Save  or Email  filtered out Incompatibility Report document	Incompatibility Report provides details on storage distances for DG classes and compatibilities that may exist.	 Generally, users with access to Manifest can generate these reports.

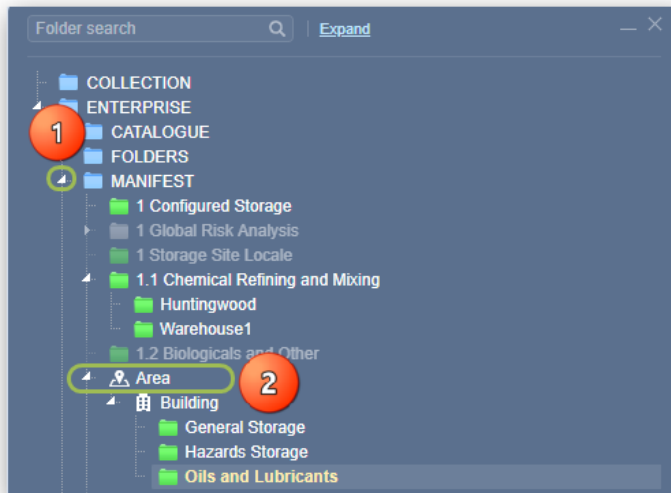
In general, filtering materials can be achieved at any folder level.


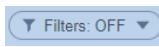

In this worked example, the Incompatibility Report filtering will be carried out from the Area folder node under the Manifest Directory.

## Steps: Filter by Incompatibility Report


Open the **Home module**  (if it is not already the default module).

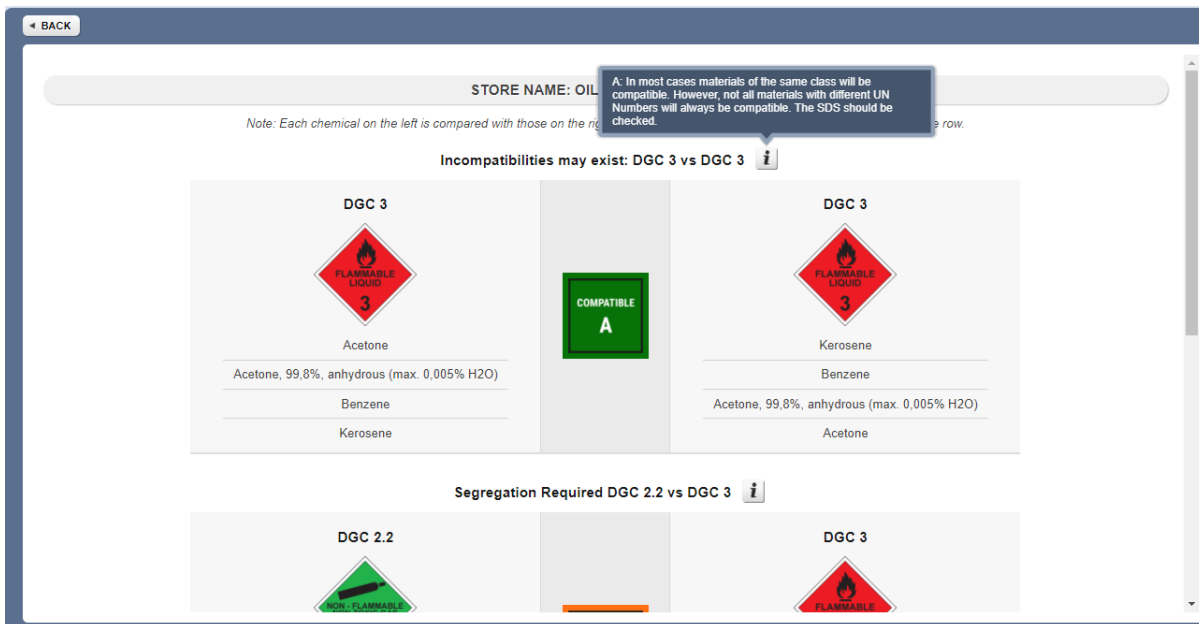
1. **Expand**  manifest directory nodes to view the folder location, e.g., the Area node at level 1 has been used in this worked example.
2. Press  the **Folder name**. Take note that the manifest list grid  defaults to Cat Name view mode.





3. Click  the **Hazards drop down arrow** from the “Hazards Filter” menu .
4. Select  the **Incompatibility Report** option from the hazard’s filter menu.

CAT NAME	CAS NUMBER	VENDOR	RISK STATEMENT	VOL / WT	MET	DG	S1	PKG
<a href="#">Acetone</a> Issue Date: None Extraction Date: VGD Update in Progress	VGD Gold 67-64-1	Sigma-Aldrich (Merck)	AUH066,H225,H319,H336	0.00 L			3	II
<a href="#">Acetone</a> Issue Date: 03/09/2020; Extraction Date: 03/09/2020;	VGD Gold 67-64-1	Sigma-Aldrich (Merck)	AUH066,H225,H319,H336	500.00 L			3	II
<a href="#">Acetone, 99.8% anhydrous (max. 0.005% H2O)</a> Issue Date: 03/08/2018; Extraction Date: 12/11/2018;	eSDS VGD Gold 67-64-1	Scharlab	EUH066,H225,H319,H336	500.00 L			3	II
<a href="#">ARGON, COMPRESSED</a> Issue Date: 13/09/2019; Extraction Date: 31/10/2019;	VGD Gold 7440-37-1	BOC (a division of Linde)	AUH044,H280	11594.20 kg			2.2	None
<a href="#">Benzene</a> Issue Date: 25/01/2018; Extraction Date: 19/02/2020;	VGD Gold 71-43-2, 1053658-43-7, 1173023-23-8, 174973-66-1, ... more	Alfa Aesar (Avocado Research Chemicals, Ltd.)	H225,H304,H315,H319,H340,H350,H372	1000.00 L			3	II
<a href="#">DEMINERALISED WATER</a> Issue Date: 02/02/2010; Extraction Date: None;	Gold 7732-18-5	DuluxGroup	non-hazardous	80.00 L			None	None

- Note that this list is filtered to show only those products that are classified as dangerous. The filtered list is shown as an **Incompatibility Report**. The information icon  provides the details on segregation, compatibility status.



- Choose any of the **Print** , **save**  or **email**  buttons. **Select**  the **Print button**  to generate the Incompatibility report in  format. Note that the chemicals on the left are compared with those on the right, they are not just compared with the chemical on the same row.



You may also scroll further down the page to view supplementary notes for further reading.

**Supplementary notes**

- Class 2 dangerous goods are generally not recommended to be stored with any other class of dangerous goods particularly flammable dangerous goods due to the risk of flame impingement. Corrosive goods can cause damage to the gas cylinder walls and thus should be kept away from class 2. In a fire gas cylinders need to have copious quantities of water applied to keep them cool. Toxic gases are stored away from other gases to minimise the release of toxic gases in a fire with other gases.
- Two or more goods within the same class with incompatible subsidiary risk should be kept apart.
- The packing group (PG) of dangerous goods denotes the magnitude of danger the material poses from its hazard. PGI is most dangerous. PG II these are more dangerous than PG III. If one of the incompatible materials is a PGI or II dangerous goods it is recommended that a greater segregation distance or other means of segregation is employed.
- If one of the incompatible goods is a liquid OR a solid that is likely to melt from the heat of a fire, separate spill catchment systems or means of separating the incompatible goods must be considered. Solid dangerous goods should not be stored in direct contact with floor surface to avoid contact with liquids.
- Fire rated walls constructed of appropriate impervious, chemically resistant materials may be used if provided with an FRL of 240/240/240. Timber structures are not appropriate barriers.
- In the case of incompatible gases in cylinders intended for use in welding (such as acetylene and oxygen), these gases may be stored together in a purpose built cradle and separated when not in use for extended periods of time.

*Note: Each chemical on the left is compared with those on the right. They are not just compared with the chemical on the same row. Where it is indicated in the chart that goods of particular classification*

7. Press the **Print** , **Download** buttons from the reader to print or download report.

**Print**

GetOperationResult 1 / 2

**STORE NAME: OILS AND LUBRICANTS**

*Note: Each chemical on the left is compared with those on the right. They are not just compared with the chemical on the same row.*

**Incompatibilities may exist: DGC 3 vs DGC 3 (A)**

**DGC 3**

**FLAMMABLE LIQUID 3**

Acetone

Acetone, 99.8%, anhydrous (max. 0.005% H2O)

Benzene

Kerosene

**COMPATIBLE A**

**DGC 3**

**FLAMMABLE LIQUID 3**

Kerosene

Benzene

Acetone, 99.8%, anhydrous (max. 0.005% H2O)

Acetone

**Segregation Required DGC 2.2 vs DGC 3 (S2)**

Note that in this generated pdf report document, the chemicals are compared with those on the right, they are not just compared with the chemicals on the same row. Click the close button on the top right-hand corner to close the print window. Click the **Back button** to go back to the products list.