DG and GHS Classification System

SEGREGATION of DANGEROUS GOODS
DG and GHS Classification System

Segregation

Chemicals must be segregated from:

- Other chemicals they might react with.
- Any food products they might contaminate.
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Segregation by Class or Division

Segregation is determined by the Primary Risk or the Subsidiary Risk, whichever is the most stringent
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## DG and GHS Classification System

### Segregation Chart

### Storekeeper Compliance Tool

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**HAZARDOUS SUBSTANCES STORAGE CODE**

**APPROVED CODE OF PRACTICE UNDER THE HSNO ACT 1996**

**HSNO COP 16-1**

<table>
<thead>
<tr>
<th>HAZARDOUS SUBSTANCES</th>
<th>STORAGE CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPLOSIVE 1</td>
<td>4</td>
</tr>
<tr>
<td>Flammable Gas 2.1 Includes</td>
<td>4, X</td>
</tr>
<tr>
<td>Flammable Liquid 2.1 Includes</td>
<td>4, X</td>
</tr>
<tr>
<td>Toxic Substance 3 Includes</td>
<td>4, X</td>
</tr>
<tr>
<td>Corrosive Substance 4 Includes</td>
<td>4, X</td>
</tr>
<tr>
<td>Infectious Substances 5.2 Includes</td>
<td>4, X</td>
</tr>
<tr>
<td>Radioactive Material 6.1 Includes</td>
<td>4, X</td>
</tr>
<tr>
<td>Hazardous Substances 7</td>
<td>4, X</td>
</tr>
</tbody>
</table>

**KEY**

- ☑ Compatible substances that can be stored together
- ✗ Incompatible substances that must **NOT** be stored together. Must be separated so that substances do not come in contact. Keep in separate compounds or segments at a distance of at least 3.3 metres.

**NOTES**

- Consult the Safety Data Sheet (SDS) or Supplier to confirm compatibility.

- **Packaging:** This code provides a means of compliance for the storage of packages and transportable containers (BCCs).

- **Food Item:** means any substance intended for human consumption, or any other substance intended for human or animal consumption (Land Transport Rule: Dangerous Goods 2005).

- **Classes:**
  - 6.1, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, and 6.9 should be stored same as Class 6.1.
  - Classes 6.1, 6.2, and 6.3 must be stored same as 6.1.
  - Flammable liquid 3.1 must be stored same as 3.1.
  - Toxic Substance 9.1C, 9.1D, 9.2, 9.3, 9.4 should be stored same as 9.1A & B.
  - Toxic substance can be 6 or 7.

**REFERENCES**

- Hazardous Substances (Classes 1 - 4 Controls) Regulations 2001
- Hazardous Substances (Classifications) Regulations 2001
- New Zealand Gazette Hazardous Substances Notices 2004/2005
- Land Transport Rule: Dangerous Goods 2005

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DG Segregation Wheel

Loader/Driver/Storeman Compliance Tool
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Segregation Example

Class 3 PG III to move with Class 4.1

Class 3 and Class 4.1 can move together
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Segregation Example
Class 2.2 Sub Risk 5.1 to move with Class 8 PG I

Class 2.2 and Class 8 can move together

Class 5.1 and Class 8 have to be segregated

▲ Can only be loaded in the same vehicle or freight container if all but one is in an approved segregation device and are NOT PG I
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Cyanides and Acids

Acids and Cyanide compounds cannot be loaded together.

UN 1689 SODIUM CYANIDE

UN 1789 HYDROCHLORIC ACID
DG and GHS Classification System
Prevent your next emergency!

Correctly segregate your consignment