

DANGEROUS GOODS LOAD COMPATIBILITY CHART FOR ROAD TRANSPORT

SANS 10231: 2019 Edition 4.2 Table E.1

E.1 General

Load compatibility and segregation shall be based on the hazard class and subsidiary risk diamonds, displayed on packages and containers. Both the hazard class and any subsidiary risks shall be considered, on an equal basis, in the segregation of cargo. Cargo segregation on mixed load vehicles shall conform to the requirements of the load compatibility chart in table E.1 and the special provisions according to hazard class in E.3. Furthermore, cognisance shall be taken of the reactivity of individual substances with each other, even if allowed in accordance with the load compatibility chart in table E.1.

Table E.1 — Load compatibility chart

| | 1 | 2.1 | 2.2 | 2.3 | 3 | 4.1 | 4.2 | 4.3 | 5.1 | 5.2 | 6.1 | 6.2 | 7 | 8A | 8B | 9 |
|-----|---|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|---|----|----|---|
| 1 | | | | | | | | | | | | | | | | |
| 2.1 | | | | | | | | | | | A | A | | A | | |
| 2.2 | | | | | | | | | | | | | | A | | |
| 2.3 | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | A | A | | | | | | |
| 4.1 | | | | | | | | | A | A | | | | | | |
| 4.2 | | | | | | | | | A | A | | | | | | |
| 4.3 | | | | | | | | | A | A | | | | | | |
| 5.1 | | | | | A | A | A | A | | | | | | | | |
| 5.2 | | | | | A | A | A | A | | | | | | | | |
| 6.1 | | A | | | | | | | | | | | | | A | |
| 6.2 | | A | | | | | | | | | | | | | A | |
| 7 | | | | | | | | | | | | | | | | |
| 8A | | A | A | | | | | | | | A | A | A | | A | |
| 8B | | | | | | | | | | | | | | | A | |
| 9 | | | | | | | | | | | | | | | | |

- NOTE 1** A White Square indicates permitted mixed loading. (*but still spaced min 100mm apart*)
- NOTE 2** A Red Square indicates that loading on the same vehicle is prohibited. (*Separate Drivers*)
- NOTE 3** A Yellow Square with letter "A" indicates that loading on the same vehicle is permitted, but the goods are to be kept at least 1 m apart. (Secure properly to hold in place or use other compatible goods or objects between them to maintain the 1m spacing)
- NOTE 4** Special provisions according to hazard class must also to be considered in conjunction with the compatibility chart in table E.3. Always refer to SANS 10231: 2019 when transporting D/Goods
- NOTE 5** 8A means "ACIDS" and 8B means "BASES" (Alkalines)

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| <p>HAZCOM-DGR Dangerous Goods Compliance</p> | <p>HAZCOM DGR (PTY) LTD</p> <p>15A Terrace Road, corner of Fountain Road EASTLEIGH, Edenvale, 1609 www.hazcom-dgr.co.za</p> <p>Brendan Adams Johan Scriven 084 810 6984 083 626 5014</p> <p>brendan@hazcom-dgr.co.za johan@hazcom-dgr.co.za</p> | <p>HAZCOM-DGR Dangerous Goods Compliance</p> |
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