

# AVGAS 100

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## EMERGENCY INFORMATION AND STORAGE GUIDE

**Substance:** Avgas 100  
**Uses:** Leaded aviation gasoline fuel for piston engine aircraft.  
**CAS No:** 86290-81-5  
**Proper Shipping Name:** Gasoline

| UN Number                            | DG Class | Subsidiary Risk Class | Packing Group | Flash Point (C)   | HAZCHEM          | Marine Pollutant | Max transportable quantity |
|--------------------------------------|----------|-----------------------|---------------|-------------------|------------------|------------------|----------------------------|
| 1203                                 | 3        | N/A                   | II            | < -40°C           | 3YE              | No (1)           | 250 litres (2)             |
| HSNO Classification                  |          | HSNO Approval No      |               | Tracking Required | Approved Handler |                  | IER Guide No.              |
| 3.1A, 6.1E, 6.3B, 6.7B<br>6.8A, 9.1B |          | HSR001442             |               | No                | Yes              |                  | 14                         |

**EMERGENCY PROCEDURES**      **24 HOUR EMERGENCY ADVICE:** 0800 243 622 (New Zealand)  
+64 4 917 9888 (International)

| IF THIS HAPPENS:                 | DO THIS:  |
|----------------------------------|---|
| <b>Tanker / vehicle Accident</b> | Switch off engine and electrical equipment. Keep people away, warn other traffic.<br>Check for spills or leaks. Keep away from: open flame, sparks and heat.<br><b>Call the emergency services: Dial 111</b>  |
| <b>Spill or leak</b>             | Remove ignition sources. Stop leak if safe to do so. Evacuate unprotected personnel.<br>If possible contain the spill: Place inert absorbent, non-combustible material onto spillage.<br>Dispose of waste according to the applicable local and national regulations.   |
| <b>Fire</b>                      | <b>Call the fire Service: Dial 111. Fire decomposition products may be toxic if inhaled.</b><br>Total protection required including self-contained breathing apparatus in enclosed areas or in close proximity to fire.<br><b>Extinguishing media:</b> Use foam, fine water spray and dry chemical powder.<br>Carbon dioxide, clean agents, sand or earth may be used for small fires only. |

## FIRST AID

|                     |   |
|---------------------|---|
| <b>If swallowed</b> | Do not induce vomiting; transport to nearest medical facility for additional treatment.<br>Wash out mouth and lips with water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.<br><b>For advice contact The National Poisons Centre 0800 POISON (0800 764 766).</b> |
| <b>If in eyes</b>   | Hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.  |
| <b>If on skin</b>   | Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop, seek medical attention.  |
| <b>If inhaled</b>   | Remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.  |

| STORAGE AND SEGREGATION                     |  |                              |                       |                              |
|---|--|------------------------------|-----------------------|------------------------------|
| <b>Storage:</b>                             | Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area.              |                              |                       |                              |
| <b>Aggregate Storage Volume Thresholds:</b> | (Note: When stored with substances of the same hazard the aggregate quantity must be considered). For full details refer to the current HSNO Regulations.  |                              |                       |                              |
| <b>Location Certificate</b>                 | Required for volumes >50 litres  |                              |                       |                              |
| <b>Hazardous Atmosphere Zone</b>            | 100 L (closed)<br>25 L (decanting)<br>5 L (open occasionally)<br>1 L (if in open container for continuous use)   |                              |                       |                              |
| <b>Fire Extinguisher</b>                    | <b>Hazard Class &amp; Emergency Action Signage</b>   | <b>Emergency Information</b> | <b>Emergency Plan</b> | <b>Secondary Containment</b> |
| 1 for ≥ 50 litres<br>2 for ≥ 200 litres     | ≥ 50 litres  | Any Quantity                 | ≥ 100 litres          | ≥ 100 litres                 |
| <b>DO NOT Store or Load With:</b>           | <ul style="list-style-type: none"> <li>- Class 1, Explosives</li> <li>- Class 2.1, Flammable gases</li> <li>- Class 2.3, Toxic gases</li> <li>- Class 4.2, Spontaneously combustible substances</li> <li>- Class 5.1, Oxidising substances</li> <li>- Class 5.2, Organic peroxides or</li> <li>- Class 7, Radioactive materials unless specifically exempted.</li> </ul>                   |                              |                       |                              |
| <b>Segregate From:</b>                      | Goods of packing group II or III may be loaded in the same freight container or on the same vehicle if transported in segregation devices with: <ul style="list-style-type: none"> <li>- Class 4.2, Spontaneously combustible substances</li> <li>- Class 4.3, Dangerous when wet substances</li> <li>- Class 5.1, Oxidising substances</li> <li>- Class 5.2, Organic peroxides</li> </ul> |                              |                       |                              |
| <b>Segregation:</b>                         | Check the Land Transport Rule Dangerous Goods 2005, Rule 45001/1 for additional information. Sea transport may require additional segregation. Refer NZS5433, sea segregation, for details.  |                              |                       |                              |

**Notes:**

- (1) **Marine Pollutant:** Not a Marine Pollutant under IMDG. MARPOL rules apply for bulk shipments by sea.
- (2) **Max transportable quantity:** as defined in the Land Transport Rule Dangerous Goods 2005, for dangerous goods not transported for hire or direct reward.