# DANGEROUS GOODS COMPATIBILITY AND GHS LABELLING ELEMENTS DISPLAY

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<th>CLASS</th>
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*Refers to aerosols and non-refillable retail packs. For segregation of gas cylinders refer to AS/NZS 4332-2004

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## Product Identifier

**Identify and proportion of each ingredient**

**A Signal word:** This indicates the severity of the hazard. **Warning** is used for less severe hazards while **Danger** means severe hazards.

**A Pictogram:** A pictogram is a symbol that is intended to quickly convey special information about the hazards of chemicals. It is a black symbol on a white background within a red diamond.

**A Hazard Statement:** This brief and to-the-point message describes the nature of the hazard, such as ‘Fatal if swallowed’.

**A Precautionary Statement:** Here’s where you’ll learn how to respond in case of exposure and/or how to store the chemical properly.

Contact details of Australian manufacturer or importer

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## CLASS TYPES:

- **CLASS 2.1***: Flammable Gas
- **CLASS 2.2***: Non-Flammable Non Toxic Gas
- **CLASS 3**: Flammable Liquid
- **CLASS 4.1**: Flammable Solid
- **CLASS 4.2**: Spontaneously Combustible
- **CLASS 4.3**: Dangerous When Wet
- **CLASS 5.1**: Oxidising Agent
- **CLASS 5.2**: Organic Peroxide
- **CLASS 6**: Toxic
- **CLASS 8**: Corrosive

Source: Adapted from AS/NZS 3833:2007

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# GHS COMPLIANT LABEL

**Aromasol**

**FLAMMABLE LIQUID, TOXIC N.O.S.**

**AROMATIC HYDROCARBONS, TOXIC (aromatic hydrocarbons, toxic)**

**UN: 1992**

**GHS Classification:**

- **Hazard Class:** 3
- **Hazard Subclass:** 3.2
- **GHS Pictogram:**
  - **Signal word:** DANGER
  - **Pictograms:**
    - **GHS Symbol:**
      - **Hazard symbol:**
        - **Hazard class:** 3
        - **Hazard subclass:** 3.2
        - **Signal word:** DANGER
    - **Material safety data sheet (MSDS):**
      - **Recommended storage:**
        - **Temperature:** 10°C to 30°C
        - **Ventilation:** Good ventilation
    - **Special handling:**
      - **Precautionary measures:**
        - **Fire-fighting equipment:**
          - **Type:** Water
        - **Protective equipment:**
          - **Respiratory protection:** Yes
          - **Eye protection:** Yes
          - **Skin protection:** Yes

**Technical Information:**

- **Containers:**
  - **Type:** Metal
  - **Capacity:** 2.5 L

**Compatibility:**

- **Class:**
  - **Compatible with:**
    - **Class 2.2: Non Flammable Non Toxic Gas**
  - **Compatible with:**
    - **Class 3: Flammable Liquid**

**Safety Data Sheet:**

- **Emergency procedures:**
  - **In case of fire:** Use powder for extinction.
  - **In case of spillage:** Use appropriate containment equipment and procedures.
  - **In case of release:** Use appropriate containment equipment and procedures.

**Handling:**

- **Precautionary measures:**
  - **Operation:**
    - **Fire-fighting equipment:**
      - **Type:** Water
    - **Protective equipment:**
      - **Respiratory protection:** Yes
      - **Eye protection:** Yes
      - **Skin protection:** Yes

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## ADG COMPLIANT LABEL

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# Madeup Chemical Company Pty Ltd

**Address:** Madeup Chemical Street, Chemical Town, My State 12344; Tel: 1300 000 000

www.madeup-chemicalcompany.com.au

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**Keep cool.**

**Store locked up in a well-ventilated place.**

**Do NOT induce vomiting.**

**IF SWALLOWED:** Immediately call a POISON CENTRE or doctor/physician.

**IF INHIBITED:** Do not give oral fluids.

**IF ON SKIN:** Take off contaminated clothing and wash before re-use.

**IF EXPOSED OR CONCERNED:** Get medical advice/attention.

**IF IN EYES:** Rinse with大量 water for 15 minutes. Seek medical advice/attention.

**IF INHALED:** Remove to fresh air. Keep in a cool place. Keep container tightly closed.

**DISPOSAL:** Dispose of contents/container in accordance with local regulations.

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**DANGER**

Highly flammable liquid and vapour. Toxic if swallowed. Causes skin irritation. May cause cancer. May be fatal if swallowed and enters body. Do not use near sparks or open flames—no smoking. Store container tightly closed. Ensured Ventilated container and receiving equipment. Do not use under any circumstances against static discharge. Do not discharge or pass through to the environment. Handle through protective clothing and equipment. Do not drink or smoke when using this product.
AUSTRALIAN DANGEROUS GOODS (ADG) CODE

The ADG Code only applies to road and rail transport of dangerous goods and is given its authority by its incorporation into state and territory legislation. The ADG Codes require certain placarding on the truck or train and at the entrance to a facility where dangerous goods are stored. GHS labelling is suitable on internal packaging for goods in transit. However, an ADG symbol may be substituted for a GHS pictogram where the DG class symbol represents the same hazard.

GHS

The WHS Regulations apply to the use, handling and storage of hazardous chemicals at a workplace. This means that the GHS applies once the chemical, which may have been a dangerous good in transit, is in use at the workplace. An exception is Regulation 343 which outlines the labelling requirements for pipe work. Here it must be identified by a label, sign or another way on or near the pipe work. This regulation does not specifically require GHS compliant labelling for pipe work where other markings clearly suffice.

For registered agriculture and veterinary chemicals, the only GHS label requirements relate to hazard and precautionary statements.

Hazardous chemicals that are consumer products used in the workplace in a manner consistent with household use are exempt from GHS labelling requirements.

ADG vs GHS

The ADG Code provides information targeted at managing immediate hazards, such as emergency situations during transport, whereas the GHS provides information regarding the use, handling and storage of a chemical at the workplace.

GHS/ADG QUICK GUIDE AND DISPLAY

From 1 January 2017 federal workplaces will be required to label hazardous chemicals in accordance with the Globally Harmonized System of Classification and Labelling (GHS). This guide provides an example of GHS labelling, Australian Dangerous Good Code (ADG Code) comparable symbols and a quick reference to dangerous goods compatibility in storage. Further information is available at www.safeworkaustralia.gov.au

GHS AND ADG PICTOGRAMS

<table>
<thead>
<tr>
<th>Description</th>
<th>GHS pictograms</th>
<th>Dangerous good class labels*</th>
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<tbody>
<tr>
<td>Explosives, Self-reactives, Organic peroxides</td>
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<td>Flammables, Self-reactives, Pyrophorics, Self-heating, Emits flammable gas on contact with water</td>
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<td>Oxidisers, Organic peroxides</td>
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<td>Compressed, liquefied or dissolved gases</td>
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<td>Acute toxicity via oral, dermal or inhalation</td>
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<td>Health effects: Skin irritation, Eye irritation, Skin sensitisers</td>
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<td>Carcinogens, Respiratory sensitisers, Reproductive toxicity, Target organ toxicity, Germ cell mutagens</td>
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<td>Eye corrosion, Skin corrosion, Corrosive metal</td>
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<td>Hazardous to the environment, aquatic toxicity</td>
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<td>Miscellaneous dangerous goods</td>
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<td>Infectious</td>
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<tr>
<td>Radioactive</td>
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*Refer to Australian Dangerous Goods Code Edition 7.4 5.2.2.2.2