



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: INJECTRON

Date of Issue: June 2006

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: Injectron
Chemical Formula: Mixture of Petroleum Hydrocarbons
Recommended Use: Calibration testing of electronic petrol injectors
Company: Air Industries Australia Pty Ltd
Address: 7/71 Asquith Street Silverwater NSW 2128
Telephone Number: (02) 9648 1486
Emergency Telephone: (02) 9648 1486

2. HAZARDOUS IDENTIFICATION

Hazard Classification: Hazardous substance according to the criteria of NOHSC.
Dangerous goods classification according to the Australian Dangerous Goods Code.

Risk Phase(s): R11 – Highly flammable
R36 – Irritating to eyes
R38 – Irritating to skin
R65 – Harmful, may cause lung damage if swallowed
R66 – Exposure may cause skin dryness or cracking
R67 – Vapours may cause drowsiness and dizziness

Safety Phase(s): S16/33 – Keep away from sources of ignition, no smoking. Take precautionary measures against static discharges
S36/37 – Wear suitable protective clothing and gloves
S43 – In case of fire use foam/dry powder/CO2
S61 – Avoid release to the environment
S62 – If swallowed do not induce vomiting, seek medical advice Immediately

3. COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this mixture is proprietary information. A more complete disclosure will be provided if necessary to a physician or nurse in the event of a medical emergency.

4. FIRST AID MEASURES

Inhalation:

Remove victim to fresh air. If not breathing apply artificial respiration and seek urgent medical advice.

4. FIRST AID MEASURES (Continued)

Ingestion:

If swallowed, Do NOT induce vomiting. Rinse mouth thoroughly with water, give water to drink and seek urgent medical advice.

Skin:

Remove contaminated clothing and wash affected area on skin thoroughly with soap and water. Do not use solvent or thinners to wash skin.

Eyes:

Flush eyes with plenty of water for 15 minutes and seek urgent medical advice.

First Aid Facilities:

Eyewash and normal wash room facilities.

Advice to Doctor:

Eye wash fountains and safety showers should be available for emergency use.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use CO₂, Foam, Dry Chemical or Powder to extinguish fire.

Hazards from Combustion Products:

Combustion products include oxides of carbon.

Special Protective Equipment for Fire Fighters:

Full protective clothing and self-contained breathing apparatus.

Specific Hazards:

Flammable liquid. Avoid all ignition sources. Flameproof equipment necessary in area this product is used. Equipment must be earthed. Vapour/air mixtures may ignite explosively and flash back along vapour trail may occur.

Hazchem Code:

3[Y]

6. ACCIDENTAL RELEASE MEASURES

Personal protection:

When exposure is likely, personal protection equipment in a combination appropriate to the degree and nature of exposure should be selected from the following list:

- Ø Eye protection
- Ø PVC gloves
- Ø PVC apron and sleeves, or full PVC apron
- Ø PVC or rubber boots
- Ø Respirator

7. HANDLING AND STORAGE

Store secured in a well-ventilated place away from ignition sources. No smoking. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:

Substance	STEL mg/m ³	STEL ppm	TWA mg/m ³	TWA ppm
Octane	-	-	-	-

Engineering Controls:

Provide adequate ventilation. Local exhaust may be required to control the solvent concentration below the exposure limit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Mild pink / green haze colour liquid, hydrocarbon odour
Melting Point:	-56°C
Boiling Point:	~100.0°C
Solubility in Water:	Insoluble
Specific Gravity:	0.7
Viscosity:	0.74
Vapour Pressure:	5.0mm Hg
Vapour Density:	100kPa/air=1
Volatile Component:	100%
Flash Point:	-7°C
Auto Ignition Temperature:	435°C
Flammable Limits – Lower:	0.8%
Flammable Limits – Upper:	6.5%
Evaporation Rate:	>4.0 (But Ace = 1.0)

10. STABILITY AND REACTIVITY

Conditions to Avoid:

Heat, direct sunlight, open flames or other sources of ignition and incompatibles.

11. TOXICOLOGICAL INFORMATION:

Inhalation:

The vapour may be an irritant to the mucous membranes and respiratory tract.

Ingestion:

Swallowing may result in nausea, vomiting, shortness of breath, headache, drowsiness, dizziness and loss of consciousness due to the effects from the solvent.

Skin:

Contact with skin may result in irritation. Repeated or prolonged exposure to the skin may cause dermatitis.

11. TOXICOLOGICAL INFORMATION (Continued):

Eye:

May be an eye irritant.

Chronic Effects:

Chronic over-exposure may result in skin irritation and defatting of the skin. This includes respiratory tract.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

Do not empty into drains or watercourses, inform local authorities if this occurs. Waste and empty containers must be disposed in accordance with local regulations.

14. TRANSPORT INFORMATION

Transport Information:

Store in a cool place out of direct sunlight. Store away from sources of heat or ignition. Ensure containers are in good condition and properly sealed.

U.N. Number:	1262
DG Class:	3
Hazchem Code:	3[Y]
Packing Group:	II

15. REGULATORY INFORMATION

Poisons Schedule: Not Scheduled

National and or International

Regulatory Information: Classified as hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC).

Packaging & Labeling: As required by the ADG Code. As required by the National Code of Practice for the Labeling of Workplace Substances. As required by the Standard for the Uniform Scheduling of Drugs And Poisons.

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END OF MSDS
