



# MATERIAL SAFETY DATA SHEET

PRODUCT: ISOPAR C

Date of Issue: May 2013

Classified as hazardous

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## 1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

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**Product Name:** Isopar C  
**Proper Shipping Name:** Octanes (Isooctanes)  
**Recommended Use:** Solvent  
**Company:** Glendale Packaging Pty Ltd  
**Address:** Unit 1/75 Newton Road, Wetherill Park NSW 2164  
**Telephone Number:** (02) 9756 2315  
**Emergency Telephone:** (02) 9756 2315

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## 2. HAZARDOUS IDENTIFICATION

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**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

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredients: Name:	CAS No:	Proportion (w/w):
Heptane & isomers	64741-66-8	<5.0%
Octane & isomers		>95.0%



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#### 4. FIRST AID MEASURES

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**Inhalation:**

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

**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.

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#### 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media:**

Use CO<sub>2</sub>, 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]



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## 6. ACCIDENTAL RELEASE MEASURES

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### 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:

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

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## 7. HANDLING AND STORAGE

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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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### National Exposure Standards:

Substance	STEL mg/m <sup>3</sup>	STEL ppm	TWA mg/m <sup>3</sup>	TWA ppm
Octane	-	-	-	-

### Engineering Controls:

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Colourless liquid, isoparaffinic hydrocarbon odour
<b>Melting Point:</b>	-57°C
<b>Boiling Point:</b>	97.7-103.8°C
<b>Solubility in Water:</b>	Insoluble
<b>Specific Gravity:</b>	0.697
<b>Vapour Pressure:</b>	4.92mm Hg
<b>Vapour Density:</b>	101.3kPa/air=1
<b>Volatile Component:</b>	100%
<b>Flash Point:</b>	-7°C
<b>Auto Ignition Temperature:</b>	442°C
<b>Flammable Limits – Lower:</b>	0.9%
<b>Flammable Limits – Upper:</b>	6.3%
<b>Evaporation Rate:</b>	4.27 (But Ace = 1.0)



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## 10. STABILITY AND REACTIVITY

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### Conditions to Avoid:

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

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## 11. TOXICOLOGICAL INFORMATION:

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### 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.

### 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.

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## 12. ECOLOGICAL INFORMATION

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## 13. DISPOSAL CONSIDERATIONS

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### 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.

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## 14. TRANSPORT INFORMATION

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### 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  
**Proper Shipping Name:** Octanes (Isooctanes)



**DG Class:** 3  
**Hazchem Code:** 3[Y]  
**Packing Group:** II

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## 15. REGULATORY INFORMATION

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**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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## 16. OTHER INFORMATION

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References: (1) National Code of Practice for the preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011(2003)], (2) Material Safety Data Sheet for Isopar C Issued by Packaging Inks (Australia) Pty Ltd dated May 2006.

**Contact Point:** Director **Telephone:** (02) 9756 2315

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**END OF MSDS**

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