

# Opt-in Carbon Neutral Hexane

Product Code 200283237

CAS Registry Number 64742-49-0

## Description



Viva Energy Opt-in Carbon Neutral Hexane is a Climate Active certified product that has undergone rigorous carbon footprint analysis to achieve carbon neutral certification against the Australian Government's Climate Active Carbon Neutral Standard. The purchase of carbon offsets has been used to cancel out greenhouse gas emissions associated with the extraction, transportation, manufacture and supply of Opt-in Carbon Neutral Hexane, by investing in projects that reduce or remove emissions. There are no physical changes to the product so there are no changeover or operability concerns and the product can be used in accordance to applications and specifications as detailed below.

Hexane is a narrow boiling range, fast evaporating solvent widely used in the adhesive industry and for the extraction of vegetable oils.

Alternatively known as HEXANE CO2 NEUTRAL.

## Sales Specification

| Property                | Method     | Unit     | Minimum                            | Maximum |
|-------------------------|------------|----------|------------------------------------|---------|
| Appearance              | Visual     |          | Clear & Free From Suspended Matter |         |
| Colour, Saybolt         | ASTM D6045 | -        | 25                                 |         |
| Density at 15°C         | ASTM D4052 | kg/L     | 0.665                              | 0.685   |
| Distillation, IBP       | ASTM D86   | °C       | 60                                 |         |
| Distillation, DP        | ASTM D86   | °C       |                                    | 70      |
| Benzene                 | ASTM D5134 | % m/m    |                                    | 0.09    |
| Evaporation residue     | ASTM D1353 | mg/100mL |                                    | 1       |
| Electrical Conductivity | ASTM D2624 | pS/m     |                                    | 30      |

## Typical Properties

| Property                        | Method     | Unit  | Value |
|---------------------------------|------------|-------|-------|
| Colour, Saybolt                 | ASTM D6045 | -     | +30   |
| Density at 15°C                 | ASTM D4052 | kg/L  | 0.678 |
| Distillation, IBP               | ASTM D86   | °C    | 62    |
| Distillation, DP                | ASTM D86   | °C    | 69    |
| Paraffins                       | GC         | % m/m | 73    |
| Naphthenes                      | GC         | % m/m | 27    |
| Aromatics                       | GC         | % m/m | 0     |
| Benzene                         | ASTM D5134 | % m/m | 0.00  |
| Aniline Point                   | ASTM D611  | °C    | 65    |
| Electrical Conductivity at 23°C | ASTM D2624 | pS/m  | 10    |

## Test methods

Copies of copyrighted test methods can be obtained from the issuing organisations: American Society for Testing and Materials (ASTM): [www.astm.org](http://www.astm.org)

Note: For routine quality control analyses, local test methods may be applied that are different from those mentioned in this datasheet. Such methods have been validated and can be obtained from Viva Energy.

## Quality

Hexane does not contain detectable quantities of polycyclic aromatics, heavy metals or chlorinated compounds.

## Storage and Handling

Provided proper storage and handling precautions are taken we would expect Hexane to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Safety Data Sheet at [www.vivaenergy.com.au/services/sds](http://www.vivaenergy.com.au/services/sds).



## Hazard Information

For detailed Hazard Information please refer to the Safety Data Sheet at [www.vivaenergy.com.au/services/sds](http://www.vivaenergy.com.au/services/sds).

## Warranty

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