

Opt-in Carbon Neutral White Spirit

Product Code Q3312

CAS Registry Number 64742-82-1

Description



Viva Energy Opt-in Carbon Neutral White Spirit 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 and of Opt-in Carbon Neutral White Spirit, 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.

White Spirit is a narrow boiling range, medium evaporating solvent widely used in the paint, ink and dry cleaning industries. White Spirit conforms to Australian Standard AS 3530.

Alternatively known as WHITE SPIRIT CO2 NEUTRAL.

Sales Specification

| Property | Method | Unit | Minimum | Maximum |
|--|------------|------------------------------------|---------|---------|
| Appearance | Visual | Clear & Free From Suspended Matter | | |
| Colour, Saybolt | ASTM D6045 | - | 26 | |
| Density at 15°C | ASTM D4052 | kg/L | 0.775 | 0.790 |
| Distillation, IBP | ASTM D86 | °C | 145 | 155 |
| Distillation, 10% v/v | ASTM D86 | °C | 150 | 160 |
| Distillation, 50% v/v | ASTM D86 | °C | 160 | 170 |
| Distillation, 95% v/v | ASTM D86 | °C | 180 | 190 |
| Distillation, FBP | ASTM D86 | °C | | 200 |
| Flash Point, Abel | IP 170 | °C | 31 | |
| Aniline Point | ASTM D611 | °C | 48 | 56 |
| Aniline Point (85-95% volume fraction) | ASTM D611 | °C | | 65 |
| Copper corrosion | ASTM D130 | - | | 1 |
| Evaporation residue | ASTM D1353 | mg/100mL | | 20 |
| Electrical Conductivity | ASTM D2624 | pS/m | 200 | |

Typical Properties

| Property | Method | Unit | Value |
|--|------------|-------|-------|
| Colour, Saybolt | ASTM D6045 | - | +30 |
| Density at 15°C | ASTM D4052 | kg/L | 0.783 |
| Distillation, IBP | ASTM D86 | °C | 149 |
| Distillation, 10% v/v | ASTM D86 | °C | 155 |
| Distillation, 50% v/v | ASTM D86 | °C | 163 |
| Distillation, 95% v/v | ASTM D86 | °C | 182 |
| Distillation, FBP | ASTM D86 | °C | 194 |
| Paraffins | GC | % m/m | 55 |
| Naphthenes | GC | % m/m | 25 |
| Aromatics | GC | % m/m | 20 |
| Flash Point, Abel | IP 170 | °C | 36 |
| Aniline Point | ASTM D611 | °C | 52 |
| Aniline Point (85-95% volume fraction) | ASTM D611 | °C | 57 |
| Electrical Conductivity at 23°C | ASTM D2624 | pS/m | 400 |

Test methods

Copies of copyrighted test methods can be obtained from the issuing organisations:

American Society for Testing and Materials (ASTM): www.astm.org

Energy Institute (IP): www.energyinst.org.uk

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

White Spirit 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 White Spirit 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.

Hazard Information

For detailed Hazard Information please refer to the Safety Data Sheet at www.vivaenergy.com.au/services/sds.

Warranty

All products purchased or supplied by Viva Energy are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. Viva Energy warrant that their product will meet those specifications designated as such herein or in other publications. All other information including that herein, supplied by Viva Energy is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the products' suitability for a particular purpose. Viva Energy make no other warranty either expressed or implied, regarding such other information, the data upon which the same is based, or the results to be obtained from use thereof; that any products shall be merchantable or fit for any purpose; or that the use of such other information or product will not infringe any patent.