

# Supashield 16/3



## Description

A smooth running general purpose shielding gas mixture suitable for both the short arc and spray transfer models. Suitable for use with solid wires on mild steels.

## Applications

- MIG Welding of Mild, Carbon and Low Alloy Steels
- Welding Thickness Range 2 - 22mm
- General fabrication
- Light to medium plate fabrication
- Structural steelworks
- Bridge work
- Pipe and tube joining
- Vehicle manufacture/heavy trucks
- Rolled sections
- Pressure vessels and tanks
- Boats and shipbuilding

## Hazard statement(s)

- Contains gas under pressure; may explode if heated.

## Prevention statement(s)

- None allocated.

## Response statement(s)

- None allocated.

## Storage statement(s)

- Protect from sunlight. Store in a well-ventilated place.

## Other hazards

- Asphyxiant. Effects are proportional to oxygen displacement.

|                 |                              |
|-----------------|------------------------------|
| Signal Word:    | Warning                      |
| UN No.:         | 1956                         |
| Hazard No.:     | 2(S)E                        |
| Chem Symbol:    | N/A                          |
| Classification: | AS 4882-2003:<br>SG-ACO-16/2 |

Pictograms:



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## General Specifications

| Specifications                       | E Cyl.                                       | G Cyl.      | 12 Pack             |
|--------------------------------------|--|-------------|---------------------|
| Cylinder/Pack (101.325kPa @15°C) - L | 4.9  | 11.3        | 188.0               |
| Water capacity per cylinder - L      | 23   | 50          | 600                 |
| Cylinder Colour                      | Peacock Blue Body/Pewter Shoulder/Black Neck |             |                     |
| Outlet Connection                    | Type 10                                      |             |                     |
| Package Dimensions (H x W x D) - mm  | 780 x 230                                    | 1,510 x 230 | 1,900 x 780 x 1,020 |

Cylinder dimensions are approximate – variations may occur due to manufacturing tolerances. Height includes the valve. Container sizes may vary from state to state.

## Package Sizes Available



## Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2015 and to continually improve the effectiveness of our Quality Management System.

Everyone at Supagas understands we must provide a safe environment for both our employees and the wider community. We are therefore committed to implement and maintain a continual improvement approach throughout the organisation whilst also meeting all applicable statutory and regulatory requirements.

## NATA Accreditation

The Supagas Laboratory located in Ingleburn, NSW has a NATA Accreditation (No. 18955). Accredited for compliance with ISO/IEC 17025 and ISO Guide 34, Reference Gas Mixtures prepared to ISO 6142.



## Typical Analysis

| Ar      | CO <sub>2</sub> | O <sub>2</sub> | Tolerance on minor component mix. |
|---------|-----------------|----------------|-----------------------------------|
| Balance | 16% +-1.6%      | 3% +-0.5%      | +/- 10%                           |

## For Further Information

On how we can help you with all your gas and welding needs, drop in to your local Supagas branch or call Customer Service on 13 78 72.