

# Supa Stainless 62

## Description

Supa Stainless shielding gas mixtures are designed for the highest quality Gas Metal Arc Welding (GMAW) of Stainless Steel, Nickel and Duplex Stainless steel alloys where controlled penetration, low spatter rates, weld face appearance and high weld-metal integrity are of utmost importance. Supa Stainless mixture contains Helium that allows better heat transfer into the weld than with argon alone. With the addition of Carbon Dioxide it reduces the spatter and gives a superior weld finish.

## Applications

- Shielding gas for high deposition of carbon steel/stainless steel
- Increased heat input because of the Helium in the mixture allows higher higher travel speeds whilst still maintaining good control of bead shape. Ideal for robotic applications
- Heavy single pass fillets in structural components
- Capable of welding over rust surfaces and oil
- Welding tank seams at higher welding speeds
- Fabricating stainless steel tanks and components for food, chemical and pharmaceutical

## 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.:** 2RE  
**Chem Symbol:** N/A  
**Classification:** AS 4882-2003:  
 SGAHeC-35/2.8

## Pictograms:



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you can't bottle attitude

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## General Specifications

Specifications	G Cyl.	6 Pack	12 Pack
Cylinder/Pack (101.325kPa @15°C) - L	7.1	61.2	122.4
Water capacity per cylinder - L	50	300	600
Cylinder Colour	Green Grey Body/Brown Band/Pewter Shoulder		
Outlet Connection	Type 10		
Package Dimensions (H x W x D) - mm	1,510 x 230	1,900 x 780 x 510	1,900 x 1,020 x 780

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



## Typical Analysis

Product Type	Ar	He in Ar	CO <sub>2</sub>	O <sub>2</sub>	Tolerance on minor component mix.
Industrial Grade	62%	35%	2.8%	<20ppm	+/- 10%

## 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.

We review the Quality Management System and the quality policy on a regular basis to ensure effectiveness and suitability to the organisation.

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.

## 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.

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**SUPAGAS**  
AUSTRALIA

**13 78 72**  
[www.supagas.com.au](http://www.supagas.com.au)

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