



Safety Data Sheet

ALbee™ Weld Ar

Revised edition no : 1
Date : 18 / 8 / 2009
Supersedes : 0 / 0 / 0

22850852

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade Name : ALbee™ Weld Ar
Chemical Formula : Ar
Company Identification : Air Liquide UK Limited
Station Road
Coleshill
Birmingham B46 1JY United Kingdom
Emergency Phone Number : 01675 462695

2 COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Preparation : Substance.

Substance Name	Contents	CAS No	EC No	Annex No	Classification
Argon	: 100 %	7440-37-1	231-147-0	-----	

Contains no other components or impurities which will influence the classification of the product.

3 HAZARDS IDENTIFICATION

Hazards Identification : Compressed gas.
In high concentrations may cause asphyxiation.

4 FIRST AID MEASURES

Inhalation : In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation.
Remove victim to uncontaminated area wearing self contained breathing apparatus.
Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped.

Ingestion : Ingestion is not considered a potential route of exposure.

5 FIRE-FIGHTING MEASURES

Flammable Class : Non-flammable.
Specific Hazards : Exposure to fire may cause containers to rupture/explode.
Hazardous Combustion Products : None.
Extinguishing Media : All known extinguishants can be used.
- Suitable Extinguishing Media : If possible, stop flow of product.
Specific Methods : Move away from the container and cool with water from a protected position.

Special Protective Equipment for Fire Fighters : In confined space use self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions : Evacuate area.
Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.
Ensure adequate air ventilation.

Environmental Precautions : Try to stop release.
Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

Clean up Methods : Ventilate area.

7 HANDLING AND STORAGE

Storage : Keep container below 50°C in a well ventilated place.
Handling : Suck back of water into the container must be prevented.
Do not allow backfeed into the container.
Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt.
Refer to supplier's container handling instructions.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection : Ensure adequate ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State at 20°C	: Compressed gas.
Colour	: Colourless.
Odour	: No odour warning properties.
Molecular Weight	: 40
Melting Point [°C]	: -189
Boiling Point [°C]	: -186
Critical Temperature [°C]	: -122
Vapour Pressure [20°C]	: Not applicable.
Relative Density, Gas (air=1)	: 1.38
Relative Density, Liquid (water=1)	: Not applicable.
Solubility in Water [mg/l]	: 61
Flammability Range [vol% in air]	: Non-flammable.
Other Data	: Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.

10 STABILITY AND REACTIVITY

Stability and Reactivity	: Stable under normal conditions.
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11 TOXICOLOGICAL INFORMATION

Toxicity Information	: No known toxicological effects from this product.
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12 ECOLOGICAL INFORMATION

Ecological Effects Information	: No known ecological damage caused by this product.
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13 DISPOSAL CONSIDERATIONS

General	: Do not discharge into any place where its accumulation could be dangerous. To atmosphere in a well ventilated place. Contact supplier if guidance is required.
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14 TRANSPORT INFORMATION

UN No.	: 1006
H.I. Number	: 20
ADR/RID	
Proper Shipping Name	: ARGON, COMPRESSED
ADR Class	: 2
ADR/RID Classification Code	: 1 A
Labelling ADR	: Label 2.2 : Non-flammable, non toxic gas.
Other Transport Information	: Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: <ul style="list-style-type: none">- Ensure that containers are firmly secured.- Ensure cylinder valve is closed and not leaking.- Ensure valve outlet cap nut or plug (where provided) is correctly fitted.- Ensure valve protection device (where provided) is correctly fitted.- Ensure there is adequate ventilation.- Compliance with applicable regulations.

15 REGULATORY INFORMATION

EC Classification	: Not included in Annex I. Not classified as dangerous preparation/substance.
EC Labelling	: No EC labelling required.
Symbol(s)	: None.
R Phrase(s)	: None.
S Phrase(s)	: None.

16 OTHER INFORMATION

Training Advice	: Asphyxiant in high concentrations. Keep container in a well-ventilated place. Do not breathe the gas. Ensure all national/local regulations are observed. The hazard of asphyxiation is often overlooked and must be stressed during operator training.
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In case of emergency: 01675 462695