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Date: 15/9/2023

Revised edition no :1

Supersedes: 0/0/0

Argon (Compressed gas)



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

product name	Argon Compressed gas
Chemical formula	Ar
company	Gases for medical and industrial gases
Emergency phone numbers	23818102/23818109/23818032
	Hot line 19802

2- COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation S

Substance

Substance name	Index Nr	EEC No	CAS No	Contents	Classification
Argon Compressed gas		231-147-0	7440-37-1	%100	1

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



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3- HAZARDS IDENTIFICATION

Hazards identification	Compressed gas.
	In high concentrations may cause asphyxiation.

4- FIRSTAIDMEASURES

Inhalation	In high concentrations may cause asphyxiation. Symptoms may	
	include loss of mobility/consciousness. Victim may not be aware of	
	asphyxiation.	
Ingestion	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 is not	
	considered a potential route of exposure.	

5- FIRE FIGHTING MEASURES

Specific hazards	Exposure to fire may cause containers to
	rupture/explode.
Flammable Class	Non flammable
Hazardous combustion products	None
Suitable extinguishing media	All known extinguishants can be used.
Specific methods	If possible, stop flow of product.
	If possible, stop flow of product.
	Move away from container away and cool with water
	from a
	protected position.
Special protective equipment for fire fighters	In confined space use self-contained breathing
	apparatus.



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6- ACCIDENTAL RELEASE MEASURES

Personal precautions Evacuate area

Ensure adequate air ventilation.

Wear self-contained breathing apparatus when entering

unless atmosphere is proved to be safe

Environmental precautions Try to stop release.

Prevent from entering sewers, basements and work pits, or any place where its accumulation can be

dangerous

Clean up methods Ventilate area.

7- HANDLING AND STORAGE

Storage Handling Keep the package at a temperature below 50°C in a well-ventilated place. Water absorption into the container must be prevented Do not allow back feeding into the container. Use only properly selected equipment, which is suitable This product, supply pressure and temperature. Contact a gas company for medical and industrial gases if in doubt. Refer to the instructions for handling containers for gases for medical and industrial gases.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection Ensure adequate ventilation.



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9- PHYSICAL AND CHEMICAL PROPERTIES

Physical State at	Compressed	Critical	-122 °C	Solubility mg/l	61 mg/l
20°C	gas	temperature		water	
Molecular weight	40	Relative density,	1.38	Appearance/Color	Colorless
		gas (Air=1)			gas
	-189 °C	Relative density,	Not		No odor
Melting point		liquid (water=1)	applicable	Odor	warning
					properties
Boiling point	-186 °C	Vapor Pressure	20°C Not	Auto ignition	Not
			applicable	temperature	applicable
Flammability	Non	Other data	Gas/vapor h	neavier than air. May	accumulate
range	flammable		in confined Spaces, particularly at or below		
			ground lev	vel.	

10- STABILITY AND REACTIVITY

Stability and reactivity Stable under normal conditions

11- TOXICOLOGICAL INFORMATION

General No known toxicological effects from this product.

12- **ECOLOGICAL INFORMATION**

General No known ecological damage caused by this product.



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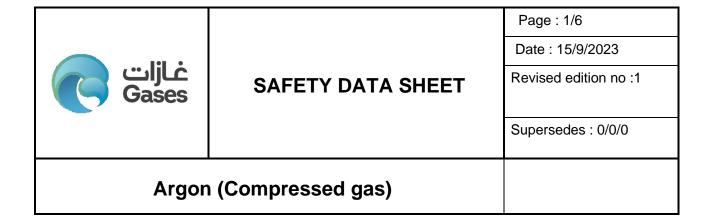
Argon (Compressed gas)

13- DISPOSAL CONSIDERATIONS

General	to the atmosphere in a well-ventilated place. Do
	not empty anywhere you accumulate It could be
	dangerous. Contact a gas company for medical
	and industrial gases if necessary.

14- TRANSPORT INFORMATION

UN No	1006
Proper shipping name	Argon, compressed
Class/Div	2.2
ADR/RID Hazard Nr	20
Labeling 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 ensure that they are firmly secured and:
	- Cylinder valve is closed and not leaking.
	- Valve outlet cap nut or plug (where provided) is correctly fitted.
	- Valve protection device (where provided) is correctly fitted.
	- There is adequate ventilation.
	- Compliance with applicable regulations.



15- REGULATORY INFORMATION

Number in Annex I of Dir 67/548	Not included in Annex I.
EC Classification	Not classified as dangerous preparation.
EC Labelling	No EC labelling required
Symbols	None
Risk phrases	None
Safety phrases	None

16- OTHER INFORMATION

Asphyxiant in high concentrations. Keep container in 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. Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out. Details given in this document are believed to be correct at the time of going to press. Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from its use can be accepted. This MSDS is for information purposes only and is subject to change without notice.

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