Material Safety Data Sheet

Argon Gas (Pure) (RXSOL-66-6604-010)

1. Product and Company Identifaction

Product Name	Argon Gas (Pure)
Product Type	RXSOL-66-6604-010

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla , Hazira, Mumbai. Chenna, Vizag, Kolkata, UAE, OMAN & KENYA

Phone	+91 22 20871200 -1400
Fax	+91 22 20871500 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmarine.com/

2. Composition / informationon ingredients

CAS NO.	Gas Component	Percentage
7440-37-1	Argon	> 99

3. Hazards Identification

Hazard Identification	Simple Asphyxiant _ Thise Product does not contain oxygen and may cause asphyxia if release in a confined area. maintan oxygen levels above 19.5% Non - flammable.
Simple Asphyxiant	This Product does not contain oxygen and may cause asphyxia if release in a confined area. maintan oxygen levels above 19.5% Non - flammable.
WHIMIS Symbol	A - Compressed Gas.
NFPA Ratings	
Health	= 0 (Blue)
Fire	= 0 (Red)
Reactivity	= 0 (Yellow)
Specific Hazard	= SA

4. First Aid Measures

After inhalation	Supply fresh air ; consult doctor in case of complaints.
After Skin Contact	Generally the product does not irritate.
After Eye Contact	Rinse opened eye for at least 15 minuts under running water, Then consult a doctor.
After Swallowing	Not applicable.

5. Fire-fighting Measures

Suiteble extinguishing agents	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment	Wear self contained respiratory protective.

6. Accidental Release Measures

Person-related saftety precautions	Wear protective equipment. Keep unprotecated persons away.Ensure adequate ventilation. Stop leak -only if posible to do so without risk.
Measures for enviromental protection	Prevent seepage into sewage system, work pits and/or cellars.
Mesure fof cleaning /collecting	Ensure adequate ventilation.
Additional information	No dangerous substance are releaed.

7. Handling and Storage

Electrical classification	Non hazadous.These Mixture are non corrosive and be used with any common structural material.Use only in well- ventilatd areas. Valve protection caps must remain in place unless container is secured with valve outlet piped to use point .Do not drag, slide or roll cylinders. Use a suitable hand truck for cylinder movement. Use a pressure reducing regulator when connecting cylinder to lower pressure (3000 psig) piping or system.Do not heat cylinder by any means to increse the discharge rate of product from the cylinder. Use a check valve to trap in the discharge line to prevent hazardous back flow into the system.Protecty cylinders from physical damage .store in th cool, dry well - ventilated area away from heavily trafficked areas and emergency exits. Do not allow the temperature where cylinders are stored to exceed 125°F (52°C).cylinders should be stored upright and firmly secured to prevent falling or being knocked over.Full and empty cylinders should be segregated. Use a " first in- first out " inventory system to prevent full cylinder from being store for excessive periods of time.

8. Exposure controls and personal protection

Additional information abouter design of technical system Adequate local ventilation. Safety showers and eyewash stations should be nearby .

Exposure Limits

Ingredingt	Volume%	PER OSHA
Argon	100%	Simple asphyxiant

General protective and hygienic measures	Protective clothing should be kept free of and grease PPE should be inspected and maintained regularly to retain its effectiveness.
Breathing equipment	Use atmosphere - supplying respirators (eg. supplied - air. demand, pressure- demand,or continuous - flow or self contained breathing apparatus: demand or pressure -ndemand or combination supplied -air with auxiliary self contained air supply atmosphere supplying respiractor) in case of insufficient ventilation.
Protective Gloves	The selection of the suitable gloves does not only depend on the material ,but also on futher marks of quality and varies from manufacturer to manufacture.
Eye protection	Safety Glasses.

9. Physical and chemical properties

Physical satate (gas , liquid, soild)	Gas
Odour	Odourless
Colour	Colourless
Odour Threshould	Not Applicable
Vapour Pressure	Not Available
Vapour density (Air= 1)	1.38
Evaporation point	Not Available
Boiling Point	302.6°F -185.9°C
Freezing Point	308.9°F-189.4°C
pH	Not Available
Applicable Specufuc gravity	Not Available

Oil / Water partition coefficient	Not Available
Solubilit (H2O)	Slight

10. Stability and reactivity

Thermal decomposition / condition to be avoided	No decomposition if uses according to specification.
Dangerous reaction	No dangerous reaction known.
Dangerous Product of decomposition	No dangerous reaction known.

11. Toxicological information

Acute Toxicity	LD/LC50 values that are relevant for classification:LC50>5000ppm
Primary irritant effect	On the skin : No irritating effect .On the eye : No irritating effect .Sensitization : No sensitizing effict known .
Addition toxicological infomation	The product is not subject to classification according to internally approved calculation method for prepration :When used and handled according to specification, the prouduct does not have any harmful effect according according to our experience and the information provided to us.

12. Ecological information

Generally no hazards for water.

13. Disposal considerations

Product	Unused product should be returned to vendor.
Residual Pressure	Do not attempt to dispose of residual waste or unfused quantity.
Cylinder Identification	Return ib the shipping container properly labeled, with valve protection caps, with valve outlet plug and proerly secured.

14. Transport information

Hzard	2-2 non-flammable/toxic
Identificataion number	UN1006 .
Proper shipping name	Argon, Compressed 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 ensuer 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

DMC technical Guldelines	ETG43 SARA TITLE III NOTIFICATION & INFORMATION SARA TITLE III -HAZARD CLASSES
Actule health Hazard	Sudden Release of pressure Hazard
Product related hazard information	Observe the general safety regulation when handling chemical. the product is not subject to identification regulations according to directives on hazarous materials .The product was classofication in accordance with the hazard criteria of the Canadian Controlled Products Regulation (CPR) and the MSDS containts all the information required by the CPR.
Safety phrases	Keep in a cool place.

16. Other information

	Compresses gas cylinders shall not be refilled without the express wrtten permission of the owner . Shipment of a compressed gass cylinder which has not been filled by the owner or with his / her (written) consent is a violation of traspotation regulation.Thise Information is based on our present knowledge However this shall not constitute a guarantee for any specific produt features and shall not establish a legally valid cotractual relatoinship Please refer to the section 3 for NFPA and HMIS
Other Informatiom	Hazard codes. DISCLAIMER OF EXPESSED AND IMPLIED WARRANTIES .Although reasonable care has been taken in the prepration of this Document, We extend no warranties and make no representation as to the accurancy or completeness of the information contained herein and assume no responsbility regarding the suitability of this information for the users intended purposes or for the consequences of its use .Each individual shoud make a determaination as to the sutabililty of the information for their particular.