Material Safety Data Sheet

Oxygen Gas Cylinder (RXSOL-16-6153-040)

1. Product and Company Identifaction

Product Name	**Oxygen Gas Cylinder**
Product Type	**RXSOL-16-6153-040**

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

Phone	+91 22 27815540 - 43
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Substance / Preparation :

Substance name	Contents	CAS No	EC No	Annex No	Classi?cation
Oxygen	100 %	7782-44-7	231-956-9	008-001-00-8	o;R8

No other components or impurities which will in?uence the classi?cation of the product.

4. First Aid Measures

Inhalation :
Continuous inhalation of concentrations higher than 75% may cause nausea, dizziness, respiratory dif?culty and convulsion Remove victim to uncontaminated area.

5. Fire-fighting Measures

Speci?c hazard :	Exposure to ?re may cause containers to rupture/explode. Supports combustion.
Hazardous combustion products :	None.
Extinguishing media Suitable extinguishing media :	All known extinguishants can be used.

Speci?c method :	If possible, stop ?ow of product Move away from the container and cool with water from a protected position.
Special protective equipment for ?r :	None.
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6. Accidental Release Measures

Personal precautions :
Evacuate area. Ensure adequate air ventilation.Eliminate ignition sources.

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

Clean up methods :
Ventilate area.

7. Handling and Storage

Storage :
Segregate from ?ammable gases and other ?ammable materials in store Keep container below 50°C in a well ventilated place.

Handling :
Use no oil or grease.Open valve slowly to avoid pressure shock.Suck back of water into the container must be prevented.Do not allow backfeed into the container. Use only properly speci?ed equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Keep away from ignition sources (including static discharges).Refer to supplier's container handling instructions.

8. Exposure controls and personal protection

Do not smoke while handling product. Wear suitable hand, body and head protection. Wear goggles with suitable ?lte lenses when use is cutting/welding. Avoid oxygen rich (>21%) atmospheres. Ensure adequate ventilation. Agas National In case of emergency : 07 3101 0667 PO BOX 1087, Sunnybank Hills, 4109, QLD

9. Physical and chemical properties

Information on basic physical and chemical properties:

Physical state at 20 °C	Gas
Colour	Colourless
Odour	No odour warning properties.

Molecular weight	32
Melting point [°C]	-219
Boiling point [°C]	-183
Critical temperatur [C]	-118
Vapour pressure [20°C]	Not applicable
Relative density, gas (air=1)	1.1
Relative density, liquid (water=1)	1.1
Solubility in water [mg/l]	39
Flammability range [vol% in air]	Oxidiser
Auto-ignition temperature [°C]	Not applicable
Other data	Gas/vapour heavier than air. May accumulate in con ?ned spaces, particularly at o below ground level.

10. Stability and reactivity

Hazardous decomposition products :
None.

Materials to avoid :
May react violently with combustible materials. May react violently with reducing agents. Violently oxidises organic material. Keep equipment free from oil and grease.

Conditions to avoid :
Consider the potential toxicity hazard due to the presence of chlorinated or uorinated polymers in high pressure (> 30 bars) oxygen lines in case of combustion

11. Toxicological information

Toxicity information :
No known toxicological effects from this product.

12. Ecological information

Ecological effects information :
No ecological damage caused by this product.

13. Disposal considerations

To atmosphere in a well ventilated place.Do not discharge into any place where its accumulation could be dangerous.

14. Transport information

- Ensure that containers are ?rmly secured
- Ensure cylinder valve is closed and not leaking.
- Ensure valve outlet cap nut or plug (where provided) is correctly ?tted
- Ensure valve protection device (where provided) is correctly ?tted
- Ensure there is adequate ventilation.
- Compliance with applicable regulations.

15. Regulatory information

EC Classi?cation :	Annex No : 008-001-00-8 O; R8 EC Labelling
Symbol(s) : O :	Oxidizing
R Phrase(s) : R8 :	Contact with combustible material may cause ?re
S Phrase(s) : S17 :	Keep away from combustible material.

16. Other information

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.