

SAFETY DATA SHEET

Issuing Date 20-May-2019

1. IDENTIFICATION

Product identifier

Product Name MyOxy (Disposable Oxygen IP Cans)

Other means of identification

Product Code(s) 8908011327005

Recommended use of the chemical and restrictions on use

Recommended Use Compressed gas

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Gupta Oxygen Pvt. Ltd

Address Plot no. 152
Sector 27 – 28A,
Delhi Road, HISAR
Haryana 125044

Telephone Phone : 01662 – 220666

E-mail info@myoxy.in

Emergency telephone number

Company Emergency Phone Number 8875790999

2. HAZARDS IDENTIFICATION

Classification

Oxidizing gases	Category 1
Gases under pressure	Compressed Gas

Appearance Colorless

Physical state Compressed Gas

Odor Odorless

GHS Label elements, including precautionary statements

Danger

Hazard statements

May intensify fire; oxidizer
Contains gas under pressure

Precautionary Statements - Prevention

Keep/Store away from clothing/ combustible materials

Precautionary Statements - Response

Fire

In case of fire: Remove product if safe to do so.

Precautionary Statements - Storage

Store in a well-ventilated place

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Com					
Chemical Name	Identifiers	%	LD50/LC5	Classifications According to Regulation/Directive	Comment
Oxygen	CAS:7782-44-7	> 99.0%	NDA	EU DSD/DPD: Annex I - O; R8 EU CLP: Annex VI - Ox. Gas 1 H270; Press. Gas - Comp., H280 OSHA HCS 2012: Ox. Gas 1; Press Gas. - Comp.	NDA
Maximum Impurities		< 0.5%		WHMIS: EU DSD/DPD : EU	NDA

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures

Inhalation	First aid is not expected to be necessary if material is used under normal conditions and as recommended.
Eye contact	First aid is not expected to be necessary if material is used under normal conditions and as recommended.
Skin contact	First aid is not expected to be necessary if material is used under normal conditions and as recommended.
Ingestion	First aid is not expected to be necessary if material is used under normal conditions and as recommended.

Indication of any immediate medical attention and special treatment needed

Note to physicians	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing agent suitable for type of surrounding fire. SMALL FIRES: Dry chemical or CO ₂ . LARGE FIRES: Water spray or fog.
Unsuitable extinguishing media	DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.
Specific hazards arising from the chemical	Containers may explode when heated.
Hazardous Combustion Products	No data available
Special protective equipment for fire-fighters	Structural firefighters' protective clothing provides limited protection in fire situations. Move cans from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Do not use, or store, above 58°C
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7. HANDLING AND STORAGE

Advice on safe handling	Contents under pressure. Do not cut, weld, puncture or incinerate containers.
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Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry, well -ventilated place. Protect cans against physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits/ Guidelines Currently there are no applicable exposure limits established for this material.

Appropriate engineering controls

Engineering controls Good general ventilation should be used.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No special protective equipment required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Material Description			
Physical Form	Gas	Appearance/ Description	Colorless, odorless gas
Color	Colorless	Odor	Odorless
Odor Threshold	Data Lacking		
General Properties			
Boiling Point	-183 C (-297.4 F)	Melting Point	-218.8 C (-361.84 F)
Decomposition Temperature	Data Lacking	pH	Data lacking
Specific Gravity/ Relative Density	1.105 Water= 1 @ 21.1 C (69.98 F)	Density	1.326 kg/m ³ @32 F (0 C)
Water Solubility	0.0491 % @ 0 C (32 F)	Viscosity	Not Relevant
Explosive Properties	Data Lacking	Oxidizing Properties	Oxidizing gas
Volatility			
Vapor Pressure	2L-260 psig, 5L/ 10L- 215 psig	Vapor Density	1.105 Air= 1
Evaporation Rate	Not Relevant		
Flammability			
Flash Point	Not Relevant	UEL	Not Relevant
LEL	Not Relevant	Autoignition	Not Relevant
Flammable (Solid, gas)	Not Flammable		
Environmental			
Octano/ Water Partition coefficient	Not Relevant		

10. STABILITY AND REACTIVITY

Reactivity	No additional physical and chemical parameters noted.
Chemical stability	Stable under normal conditions and pressures.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to avoid	Excessive heat.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Under normal conditions of use, no health effects are expected.
Eye contact	Under normal conditions of use, no health effects are expected.
Skin contact	Under normal conditions of use, no health effects are expected.
Ingestion	Under normal conditions of use, no health effects are expected.

Information on toxicological effects

Symptoms	Under normal conditions of use, no health effects are expected.
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Numerical measures of toxicity

Acute Toxicity	Under normal conditions of use, no health effects are expected.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Under normal conditions of use, no health effects are expected.
Serious eye damage/eye irritation	Under normal conditions of use, no health effects are expected.
Respiratory or skin sensitization	Under normal conditions of use, no health effects are expected.
Germ cell mutagenicity	Under normal conditions of use, no health effects are expected.
Carcinogenicity	Under normal conditions of use, no health effects are expected.
Reproductive toxicity	Under normal conditions of use, no health effects are expected.
STOT - single exposure	Under normal conditions of use, no health effects are expected.
STOT - repeated exposure	Under normal conditions of use, no health effects are expected.
Aspiration hazard	Under normal conditions of use, no health effects are expected.

12. ECOLOGICAL INFORMATION

Toxicity	Oxygen occurs naturally in the atmosphere. The gas will be dissipated in rapidly In well ventilated areas.
Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and degradability	No information available.
Bioaccumulation potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Contaminated packaging	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

14. TRANSPORT INFORMATION

DOT

UN-No.	UN3156
Proper Shipping Name	COMPRESSED GAS, OXIDIZING, N.O.S.
Hazard Class	2.2
Subsidiary class	5.1
Packaging Group	SP-10704
Description	COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704
Emergency Response Guide Number	122

TDG

UN-No.	UN3156
Proper Shipping Name	COMPRESSED GAS, OXIDIZING, N.O.S.
Hazard Class	2.2
Packaging Group	SP-10704
Subsidiary class	5.1
Description	COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704

MEX

UN-No.	UN3156
Proper Shipping Name	COMPRESSED GAS, OXIDIZING, N.O.S.)
Hazard Class	2.2
Subsidiary class	5.1
Description	COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704

ICAO

UN-No. UN3156
Proper Shipping Name COMPRESSED GAS, OXIDIZING, N.O.S.)
Hazard Class 2.2
Subsidiary class 5.1
Description COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704

IATA

UN-No. UN3156
Proper Shipping Name COMPRESSED GAS, OXIDIZING, N.O.S.
Hazard Class 2.2
Subsidiary class 5.1
ERG Code 2X
Description COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704

IMDG/IMO

UN-No. UN3156
Proper Shipping Name COMPRESSED GAS, OXIDIZING, N.O.S.
Hazard Class 2.2
Subsidiary class 5.1
EmS-No. F-C, S-W
Description COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704

RID

UN-No. UN3156
Proper Shipping Name COMPRESSED GAS, OXIDIZING, N.O.S.
Hazard Class 2.2
Classification code 10
ADR/RID-Labels 5.1
Description COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704

ADR

UN-No. UN3156
Proper Shipping Name COMPRESSED GAS, OXIDIZING, N.O.S.
Hazard Class 2.2
Classification code 10
Tunnel restriction code (E)
Description COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704
ADR/RID-Labels 5.1

ADN

UN-No. UN3156
Proper Shipping Name COMPRESSED GAS, OXIDIZING, N.O.S.
Hazard Class 2.2
Classification code 10
Special Provisions 274, 655, 662
Description COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704
Hazard Labels 2.2 + 5.1
Limited Quantity LTD-QTY

Special precautions for user Cans should be transported in strong outside packaging.

Special precautions for user Ensure cans are not exposed to temperatures greater than 58°C (as may occur on an enclosed vehicle on a hot day).

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure	Yes
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 1	Flammability 0	Instability 1	Physical and Chemical Properties OX
<u>HMIS</u>	Health hazards 1	Flammability 0	Physical hazards 0	Personal Protection X

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Revision Note No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet