

**HELIUM OXYGEN MIXTURE - helium oxygen mixture gas**

**Airgas Intermountain Inc**

*Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click here.*

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**helium oxygen mixture**

AIRGAS PURITAN MEDICAL Distributed By: Airgas Intermountain, Inc. Denver, CO 80216 (303) 370-7800

COMPRESSED GAS, N.O.S.  
( % HELIUM USP, % OXYGEN USP)

UN3156

MEDICAL GAS Rx only. Gases used to prepare this mixture meet USP specifications where applicable.

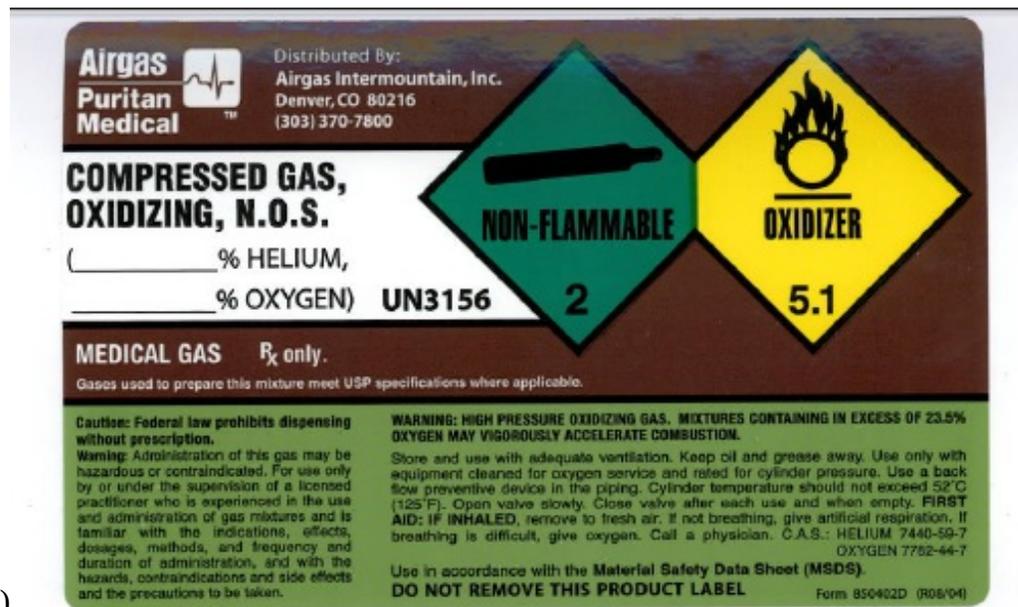
NON-FLAMMABLE 2    OXIDIZER 5.1

CAUTION: Federal law prohibits dispensing without a prescription. WARNING: Administration of this gas may be hazardous or contraindicated. For use only by or under the supervision of a licensed practitioner who is experienced in the use and administration of gas mixtures, and is familiar with the indications, effects, dosages, methods, and frequency and duration of administration, and with the hazards, contraindications and side effects, and the precautions to be taken.

CAUTION: HIGH PRESSURE OXIDIZING GAS. MIXTURES CONTAINING IN EXCESS OF 23.5% OXYGEN MAY VIGOROUSLY ACCELERATE COMBUSTION. Store and use with adequate ventilation. Keep oil and grease away. Use only with equipment cleaned for oxygen service and rated for cylinder pressure. Use a back flow preventive device in the piping. Cylinder temperature should not exceed 52oC(125oF). Open valve slowly. Close valve after each use and when empty.

FIRST AID: IF INHALED, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. C.A.S. : HELIUM 7440-59-7    OXYGEN 7782-44-7 Use in accordance with the Material Safety Data Sheet (MSDS).

DO NOT REMOVE THIS PRODUCT LABEL.



Form 850402D (R08/04)

COMPRESSED GAS, N.O.S.

( \_\_\_\_\_ % HELIUM USP, \_\_\_\_\_ % OXYGEN USP)

UN1956

MEDICAL GAS Rx only. Gases used to prepare this mixture meet USP specifications where applicable.

NON-FLAMMABLE 2

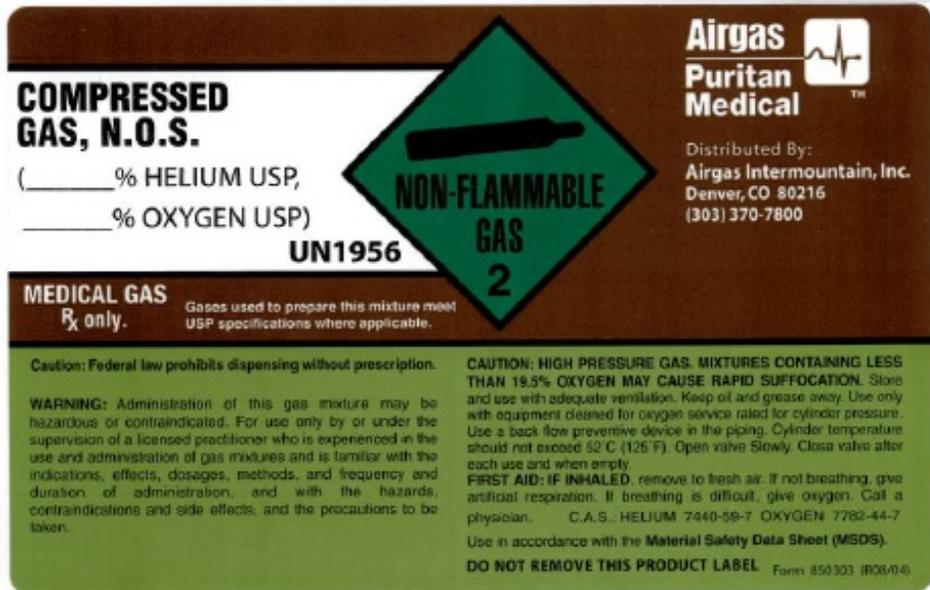
AIRGAS PURITAN MEDICAL Distributed By: Airgas Intermountain, Inc. Denver, CO 80216 (303) 370-7800

**CAUTION:** Federal law prohibits dispensing without a prescription. **WARNING:** Administration of this gas may be hazardous or contraindicated. For use only by or under the supervision of a licensed practitioner who is experienced in the use and administration of gas mixtures, and is familiar with the indications, effects, dosages, methods, and frequency and duration of administration, and with the hazards, contraindications and side effects, and the precautions to be taken.

**CAUTION:** HIGH PRESSURE OXIDIZING GAS. MIXTURES CONTAINING LESS THAN 19.5% OXYGEN MAY CAUSE RAPID SUFFOCATION. Store and use with adequate ventilation. Keep oil and grease away. Use only with equipment cleaned for oxygen service and rated for cylinder pressure. Use a back flow preventive device in the piping. Cylinder temperature should not exceed 52°C(125°F). Open valve slowly. Close valve after each use and when empty.

**FIRST AID:** IF INHALED, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. C.A.S. : HELIUM 7440-59-7 OXYGEN 7782-44-7 Use in accordance with the Material Safety Data Sheet (MSDS).

**DO NOT REMOVE THIS PRODUCT LABEL.**



Form 850303 (R08/04)

COMPRESSED GAS, N.O.S.  
( % HELIUM USP, % OXYGEN USP)  
UN3156  
NON-FLAMMABLE 2 OXIDIZER 5.1  
834499 (12/04)  
OXYGEN CONTENT OVER 23.5%  
Rx only.

CAUTION: Federal law prohibits dispensing without a prescription. WARNING: Administration of this gas mixture may be hazardous or contraindicated. For use only by or under the supervision of a licensed practitioner who is experienced in the use and administration of gas mixtures, and is familiar with the indications, effects, dosages, methods, and frequency and duration of administration, and with the hazards, contraindications and side effects, and the precautions to be taken.

CAUTION: HIGH PRESSURE OXIDIZING GAS. VIGOROUSLY ACCELERATES COMBUSTION. Keep oil and grease away. Open valve slowly. Store and use with adequate ventilation. Use only with equipment cleaned for oxygen service and rated for cylinder pressure. Use a back flow preventive device in the piping. Cylinder temperature should not exceed 52oC(125oF). Close valve after each use and when empty. Use in accordance with the Material Safety Data Sheet (MSDS).

FIRST AID: IF INHALED, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. CAS. : OXYGEN 7782-44-7 HELIUM 7440-59-7

DO NOT REMOVE THIS PRODUCT LABEL.

AIRGAS PURITAN MEDICAL Distributed By: Airgas Intermountain, Inc. Denver, CO 80216 (303) 370-7800



COMPRESSED GAS, N.O.S.  
 ( 80% HELIUM USP, 20 % OXYGEN USP)  
 UN1956

NON-FLAMMABLE 2  
 837137 (10/07)

Rx only. CAUTION: Federal law prohibits dispensing without a prescription. WARNING: Administration of this gas mixture may be hazardous or contraindicated. For use only by or under the supervision of a licensed practitioner who is experienced in the use and administration of gas mixtures, and is familiar with the indications, effects, dosages, methods, and frequency and duration of administration, and with the hazards, contraindications and side effects, and the precautions to be taken.

CAUTION: HIGH PRESSURE GAS MIXTURES CONTAINING LESS THAN 19.5% OXYGEN MAY CAUSE RAPID SUFFOCATION. Store and use with adequate ventilation. Keep oil and grease away. Use only with equipment cleaned for oxygen service and rated for cylinder pressure. Use a back flow preventive device in the piping. Cylinder temperature should not exceed 52°C(125°F). Open valve slowly. Close valve after each use and when empty. Use in accordance with the Material Safety Data Sheet (MSDS).

FIRST AID: IF INHALED, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. HELIUM CAS: 7440-59-7 OXYGEN CAS: 7782-44-7

DO NOT REMOVE THIS PRODUCT LABEL.

AIRGAS PURITAN MEDICAL Distributed By: Airgas Intermountain, Inc. Denver, CO 80216 (303) 370-7800



# HELIUM OXYGEN MIXTURE

helium oxygen mixture gas

## Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:58420-007
<b>Route of Administration</b>	RESPIRATORY (INHALATION)		

## Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
Helium (UNII: 206GF3GB41) (Helium - UNII:206GF3GB41)	Helium	800 mL in 1 L
Oxygen (UNII: S88TT14065) (Oxygen - UNII:S88TT14065)	Oxygen	200 mL in 1 L

## Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:58420-007-01	594 L in 1 CYLINDER		
2	NDC:58420-007-02	2745 L in 1 CYLINDER		
3	NDC:58420-007-03	4754 L in 1 CYLINDER		
4	NDC:58420-007-04	5547 L in 1 CYLINDER		
5	NDC:58420-007-05	5603 L in 1 CYLINDER		
6	NDC:58420-007-06	5660 L in 1 CYLINDER		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved medical gas		01/01/1998	

**Labeler** - Airgas Intermountain Inc (019714331)

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		072198059	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		084208433	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		943069948	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
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Airgas Intermountain Inc		883003915	manufacture
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## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		090327250	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		182466243	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		054313408	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		618581441	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		859665069	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		128647740	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		020467911	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		126606222	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		847756426	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		165006818	manufacture

## Establishment

Name	Address	ID/FEI	Business Operations
Airgas Intermountain Inc		149496028	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		806310637	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		946412723	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		082728627	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		791450422	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		097765218	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		190164744	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		789145745	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		611965146	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		793984089	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		790441885	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>
Airgas Intermountain Inc		028348386	manufacture

<b>Establishment</b>			
<b>Name</b>	<b>Address</b>	<b>ID/FEI</b>	<b>Business Operations</b>

Revised: 6/2010

Airgas Intermountain Inc