# Safety Data Sheet



# Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier			
Product Name	Helium (Compressed)		
CAS Number	• 7440-59-7		
Product Code	• 10047; 50001; 80010		
EC Number	• 231-168-5		
1.2 Relevant identified u	uses of the substance or mixture and uses advised against		
Relevant identified use(s)	<ul> <li>Medical and general analytical or synthetic chemical uses</li> </ul>		
1.3 Details of the supplier of the safety data sheet			
Manufacturer	Air Liquide		
Telephone (Technica			
Telephone (Technica	l) • 800-819-1704		
1.4 Emergency telephone number			
Manufacturer	• 800-424-9300 - CHEMTREC		

Manufacturer +1 703-527-3887 - Outside United States

**Section 2: Hazards Identification** 

# **EU/EEC**

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010] According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

## 2.1 Classification of the substance or mixture

CLP

Compressed Gas - H280 •

DSD/DPD

- Classification criteria not met and currently not classified under Annex I of the Directive
- 2.2 Label Elements

CLP

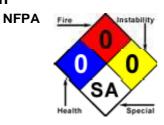


Hazard statem	ents • H280 - Contains gas under pressure; may explode if heated
Precautionary stateme	ents
Storage/Disp	osal  P403 - Store in a well-ventilated place.
DSD/DPD	
2.3 Other Hazards	
CLP	<ul> <li>This material is a simple asphyxiant. May displace or reduce oxygen available for breathing especially in confined spaces. According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.</li> </ul>
DSD/DPD	<ul> <li>This material is a simple asphyxiant. May displace or reduce oxygen available for breathing especially in confined spaces. This product is not considered dangerous under the European Directive 67/548/EEC</li> </ul>
United States (US) According to OSHA 29 CFF	R 1910.1200 HCS
2.1 Classification of t	he substance or mixture
OSHA HCS 2012	<ul> <li>Compressed Gas - H280</li> <li>Simple Asphyxiant</li> </ul>
2.2 Label elements	
OSHA HCS 2012	
	WARNING
	$\diamond$
Hazard statem	ents • Contains gas under pressure; may explode if heated - H280 May displace oxygen and cause rapid suffocation.
Precautionary stateme	ents
Storage/Disp	osal  Store in a well-ventilated place P403
2.3 Other hazards	
OSHA HCS2012	<ul> <li>Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.</li> </ul>
Canada According to WHMIS	
	he substance or mixture
WHMIS	<ul> <li>Compressed Gas - A</li> </ul>
2.2 Label elements WHMIS	
	<ul> <li>Compressed Gas - A</li> </ul>

# 2.3 Other hazards WHMIS

 This material is a simple asphyxiant. May displace or reduce oxygen available for breathing especially in confined spaces. In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

# 2.4 Other information



# Section 3 - Composition/Information on Ingredients

# 3.1 Substances

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Helium	<b>CAS:</b> 7440-59-7 <b>EINECS:</b> 231-168- 5	> 99.99%	NDA	EU DSD/DPD: Not Classified - Criteria not met EU CLP: Self Classified - Press. Gas - Comp H280 OSHA HCS 2012: Press. Gas - Comp; Simple Asphyxiant	Maximum Impurities < 0.01%*

# 3.2 Mixtures

• Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

#### Key to abbreviations

- None of the trace impurities in this product contribute significantly to the hazards associated with the product. All hazard information pertinent to this
- \* = product has been provided in the Safety Data Sheet, per the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and state equivalent standards.

See Section 16 for full text of H-statements and R-phrases.

#### **Section 4 - First Aid Measures**

### 4.1 Description of first aid measures

Inhalation	• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.	
Skin	<ul> <li>Although exposure is unlikely, in case of contact immediately flush skin with running water. If skin irritation develops get medical advice/attention.</li> </ul>	
Еуе	<ul> <li>First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If irritation develops and persists, get medical attention.</li> </ul>	
Ingestion	<ul> <li>Ingestion is not considered a potential route of exposure.</li> </ul>	
4.2 Most important symptoms and effects, both acute and delayed		
	Poter to Section 11 Toxicological Information	

• Refer to Section 11 - Toxicological Information.

# 4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician	• 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. A potential health hazard associated with this gas is anoxia.	
4.4 Other information		
	• Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. RESCUERS SHOULD NOT ATTEMPT TO RETRIEVE VICTIMS OF EXPOSURE TO GASES WITHOUT ADEQUATE PERSONAL PROTECTIVE EQUIPMENT. At a minimum, Self-Contained Breathing Apparatus must be worn. Victim(s) who experience any adverse effect after over-exposure to this gas mixture must be taken for medical attention. Rescuers should be taken for medical attention if necessary. Take a copy of the label and the MSDS to physician or other health professional with victim(s).	

# Section 5 - Firefighting Measures

# 5.1 Extinguishing media

J. I Extinguisining media	
Suitable Extinguishing Media	<ul> <li>Use extinguishing agent suitable for type of surrounding fire.</li> </ul>
Unsuitable Extinguishing Media	No data available
5.2 Special hazards arisi	ng from the substance or mixture
Unusual Fire and Explosion Hazards	<ul> <li>Containers may explode when heated. Ruptured cylinders may rocket.</li> </ul>
Hazardous Combustion Products	<ul> <li>No data available</li> </ul>
5.3 Advice for firefighters	S
	<ul> <li>Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.</li> <li>Always wear thermal protective clothing when handling refrigerated/cryogenic liquids. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk.</li> <li>FIRE: If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.</li> <li>FIRE INVOLVING TANKS: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.</li> <li>FIRE INVOLVING TANKS: Cool containers with flooding quantities of water until well after fire is out.</li> <li>FIRE INVOLVING TANKS: Do not direct water at source of leak or safety devices; icing may occur.</li> <li>FIRE INVOLVING TANKS: Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.</li> <li>FIRE INVOLVING TANKS: ALWAYS stay away from tanks engulfed in fire.</li> </ul>

Section 6 - Accidental Release Measures			
6.1 Personal precautions, protective equipment and emergency procedures			
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Ventilate the area before entry.			
Stop leak if you can do it without risk. Keep unauthorized personnel away. Keep out of low areas. Stay upwind. Do not direct water at spill or source of leak. LARGE SPILL: Consider initial downwind evacuation for at least 500 meters (1/3 mile)			

### 6.2 Environmental precautions

• No special environmental precautions necessary.

#### 6.3 Methods and material for containment and cleaning up

 Containment/Clean-up Measures
 Stop leak if you can do it without risk. Do not direct water at spill or source of leak. Use water spray to reduce vapors; do not put water directly on leak, spill area or inside container. If possible, turn leaking containers so that gas escapes rather than liquid. Isolate area until gas has dispersed. Ventilate the area.

#### 6.4 Reference to other sections

 Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

#### Section 7 - Handling and Storage

#### 7.1 Precautions for safe handling

Handling

Storage

• Use only with adequate ventilation. Ventilate closed spaces before entering. Be aware of any signs of dizziness or fatigue, especially if work is done in a poorly ventilated area; exposures to fatal concentrations of this gas mixture could occur without any significant warning symptoms, due to olfactory fatigue or oxygen deficiency. Cylinders should be firmly secured to prevent falling or being knocked-over. Do not attempt to repair, adjust, or in any other way modify cylinders. If there is a malfunction or another type of operational problem, contact nearest distributor immediately. Empty containers retain product residue and can be hazardous. Do not cut, weld, puncture or incinerate container.

#### 7.2 Conditions for safe storage, including any incompatibilities

• Store in a cool, dry, well-ventilated place. Protect cylinders against physical damage. Cylinders should be firmly secured to prevent falling or being knocked-over.

#### 7.3 Specific end use(s)

• Refer to Section 1.2 - Relevant identified uses.

## **Section 8 - Exposure Controls/Personal Protection**

#### 8.1 Control parameters

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

#### **Exposure Control Notations**

Portugal

Helium (7440-59-7): Simple Asphyxiants: (Simple Asphyxiant) Canada Ontario
Helium (7440-59-7): Simple Asphyxiants: (Simple asphyxiant) Canada Quebec

•Helium (7440-59-7): Simple Asphyxiants: (Simple asphyxiant) Ireland

•Helium (7440-59-7): Simple Asphyxiants: (Asphyxiant)

Spain

•Helium (7440-59-7): Simple Asphyxiants: (simple asphyxiant)

ACGIH

•Helium (7440-59-7): Simple Asphyxiants: (Simple asphyxiant)

## Exposure Limits Supplemental

ACGIH •Helium (7440-59-7): TLV Basis - Critical Effects: (asphyxia)

#### 8.2 Exposure controls

Engineering Measures/Controls	<ul> <li>Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.</li> </ul>
Personal Protective Equipmen	t
Respiratory	<ul> <li>Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.</li> </ul>
Eye/Face	<ul> <li>Wear safety glasses.</li> </ul>
Skin/Body	$_{ullet}$ Wear leather gloves when handling cylinders.
Environmental Exposure Controls	<ul> <li>Follow best practice for site management and disposal of waste. Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.</li> </ul>

# **Section 9 - Physical and Chemical Properties**

# 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Gas	Appearance/Description	Colorless gas with no odor.
Color	Colorless	Odor	Odorless
Odor Threshold	Data lacking		
General Properties			
Boiling Point	-452 F(-268.8889 C)	Melting Point	-458 F(-272.2222 C)
Decomposition Temperature	Data lacking	рН	Not relevant
Specific Gravity/Relative Density	Data lacking	Water Solubility	Data lacking
Viscosity	Not relevant	Explosive Properties	Not explosive.
Oxidizing Properties:	Not an oxidizing gas.		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	0.14 to 0.15 Air=1
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Flammability (solid, gas)	Notflammable.		
Environmental	-		
Octanol/Water Partition coefficient	Data lacking		

#### 9.2 Other Information

• No additional physical and chemical parameters noted.

# Section 10: Stability and Reactivity

# 10.1 Reactivity

#### • No dangerous reaction known under conditions of normal use.

## **10.2 Chemical stability**

• Stable under normal temperatures and pressures.

#### 10.3 Possibility of hazardous reactions

• Hazardous polymerization will not occur.

### **10.4 Conditions to avoid**

Excess heat.

#### 10.5 Incompatible materials

• No data available

#### **10.6 Hazardous decomposition products**

 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# Section 11 - Toxicological Information

#### **11.1 Information on toxicological effects**

GHS Properties	Classification	
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met	
Serious eye damage/Irritation         EU/CLP • Classification criteria not met           OSHA HCS 2012 • Classification criteria not met		

## **Potential Health Effects**

#### Inhalation

Acute (Immediate)

 If this material is released in a small, poorly ventilated area (i.e. an enclosed or confined space), an oxygen-deficient environment may occur. Individuals breathing such an atmosphere may experience symptoms which include headaches, ringing in

	ears, dizziness, drowsiness, unconsciousness, nausea, vomiting, and depression of all the senses. Under some circumstances of over-exposure, death may occur. The following effects associated with decreased levels of oxygen: increase in breathing and pulse rate, emotional upset, abnormal fatigue, nausea, vomiting, collapse, loss of consciousness, convulsive movements, respiratory collapse and death.
Chronic (Delayed)	<ul> <li>No data available</li> </ul>
Skin	
Acute (Immediate)	<ul> <li>Under normal conditions of use, no health effects are expected.</li> </ul>
Chronic (Delayed)	<ul> <li>Under normal conditions of use, no health effects are expected.</li> </ul>
Еуе	
Acute (Immediate)	<ul> <li>Under normal conditions of use, no health effects are expected.</li> </ul>
Chronic (Delayed)	<ul> <li>Under normal conditions of use, no health effects are expected.</li> </ul>
Ingestion	
Acute (Immediate)	<ul> <li>Ingestion is not anticipated to be a likely route of exposure to this product.</li> </ul>
Chronic (Delayed)	<ul> <li>Ingestion is not anticipated to be a likely route of exposure to this product.</li> </ul>
Mutagenic Effects	No data available.
Carcinogenic Effects	<ul> <li>The components of this material are not found on the following lists: FEDERAL OSHA Z LIST, NTP and IARC; therefore, they are not considered to be, nor suspected to be, cancer-causing agents by these agencies.</li> </ul>
Reproductive Effects	No data available.

# **Section 12 - Ecological Information**

#### 12.1 Toxicity

• This gas does not present a hazard of toxicity to the environment.

#### 12.2 Persistence and degradability

• This gas does not present a hazard of persistence and does not biodegrade as it is an elemental gas.

#### 12.3 Bioaccumulative potential

- This gas does not present a hazard of bio-accumulation.
- 12.4 Mobility in Soil
- This gas does not present a hazard of mobility in the soil.

#### 12.5 Results of PBT and vPvB assessment

• PBT and vPvB assessment has not been conducted for this material.

#### 12.6 Other adverse effects

• Material data lacking.

# **Section 13 - Disposal Considerations**

## 13.1 Waste treatment methods

Product waste	<ul> <li>Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.</li> </ul>		
Packaging waste	<ul> <li>Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.</li> </ul>		
Preparation Date: 25/July/2012	Format: EU CLP/REACH Language: English (US)		

# Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1046	Helium, compressed	2.2	NDA	NDA
TDG	UN1046	HELIUM, COMPRESSED	2.2	NDA	NDA
IMO/IMDG	UN1046	HELIUM, COMPRESSED	2.2	NDA	NDA
IATA/ICAO	UN1046	Helium, compressed	2.2	NDA	NDA

14.6 Special precautions for user

• Cylinders should be transported in a secure position, in a well-ventilated vehicle. The transportation of compressed gas cylinders in automobiles or in closed-body vehicles can present serious safety hazards. If transporting these cylinders in vehicles, ensure these cylinders are not exposed to extremely high temperatures (as may occur in an enclosed vehicle on a hot day). Additionally, the vehicle should be well-ventilated during transportation.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

#### **Section 15 - Regulatory Information**

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

#### SARA Hazard Classifications • Pressure(Sudden Release of)

Not relevant.

State Right To Know					
Component	CAS	MA	NJ	PA	
Helium	7440-59-7	Yes	Yes	Yes	

			Inventory				
Component	CAS	Canada DSL	Canada NDSL	China	EUEINECS	EU ELNICS	
Helium	7440-59-7	Yes	No	Yes	Yes	No	
Inventory (Con't.)							
Component		CAS	Japan EN	Japan ENCS		TSCA	
Helium		7440-59-7		No	Yes		

#### Australia

#### - Environment

Australia - National Pollutant Inventory (NPI) Substance List

• Helium 7440-59-7 > 99.99% Not Listed

## Canada

Preparation Date: 25/July/2012 Revision Date: 22/June/2015

#### Labor Canada - WHMIS - Classifications of Substances

• Helium 7440-59-7 > 99.99% A

Canada - WHMIS - Ingredient Disclosure List

• Helium 7440-59-7 > 99.99% Not Listed

#### Environment

Canada - CEPA - Priority Substances List

• Helium 7440-59-7 > 99.99% Not Listed

#### China

#### -Environment

China - Ozone Depleting Substances - First Schedule

• Helium 7440-59-7 > 99.99% Not Listed

China - Ozone Depleting Substances - Second Schedule

• Helium 7440-59-7 > 99.99% Not Listed

China - Ozone Depleting Substances - Third Schedule

• Helium 7440-59-7 > 99.99% Not Listed

#### -Other

China - Annex I & II - Controlled Chemicals Lists

• Helium 7440-59-7 > 99.99% Not Listed

China - Dangerous Goods List

• Helium 7440-59-7 > 99.99% UN1046; UN1963

#### China - Export Control List - Part I Chemicals

• Helium 7440-59-7 > 99.99% Not Listed

# Europe

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      Other

      EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

      • Helium 7440-59-7 > 99.99% Not Listed

      EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

      • Helium 7440-59-7 > 99.99% Not Listed

      EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

      • Helium 7440-59-7 > 99.99% Not Listed

      EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

      • Helium 7440-59-7 > 99.99% Not Listed

      EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

      • Helium 7440-59-7 > 99.99% Not Listed

      EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations
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• Helium 7440-59-7 > 99.99% Not Listed

## Germany

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Environment
Germany - TA Luft - Types and Classes
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• Helium 7440-59-7 > 99.99% Not Listed

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Germany - Water Classification (VwVwS) - Annex1
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• Helium 7440-59-7 > 99.99% Not Listed

Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes

• Helium 7440-59-7 > 99.99% Not Listed

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Germany - Water Classification (VwVwS) - Annex3
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• Helium 7440-59-7 > 99.99% Not Listed

#### -Other-

Germany - Specifically Regulated Chemicals in TRGS

• Helium 7440-59-7 > 99.99% Not Listed

### Portugal

Other Portugal - Prohibited Substances

• Helium 7440-59-7 > 99.99% Not Listed

#### **United Kingdom**

-Environment -

United Kingdom - Pollution Inventory - Schedule 1 - Thresholds for Releases to Air

• Helium 7440-59-7 > 99.99% Not Listed

United Kingdom - Substances Contained in Dangerous Substances or Preparations

• Helium 7440-59-7 > 99.99% Not Listed

#### -Other

United Kingdom - Workplace Exposure Limits (WELs) - Substances in Review

• Helium 7440-59-7 > 99.99% Not Listed

United Kingdom - The Red List - Dangerous Substances in Water

• Helium 7440-59-7 > 99.99% Not Listed

#### **United States**

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Labor
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U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Helium 7440-59-7 > 99.99% Not Listed

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U.S. - OSHA - Specifically Regulated Chemicals
```

• Helium 7440-59-7 > 99.99% Not Listed

#### Environment U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Helium 7440-59-7 > 99.99% Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Helium 7440-59-7 > 99.99% Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Helium 7440-59-7 > 99.99% Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Helium 7440-59-7 > 99.99% Not Listed

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U.S. - CERCLA/SARA - Section 313 - Emission Reporting
```

• Helium 7440-59-7 > 99.99% Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• Helium 7440-59-7 > 99.99% Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

• Helium 7440-59-7 > 99.99% Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Helium 7440-59-7 > 99.99% Not Listed

#### **United States - California**

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Environment
U.S. - California - Proposition 65 - Carcinogens List
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Preparation Date: 25/July/2012
Revision Date: 22/June/2015
```

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Helium 7440-59-7 > 99.99% Not Listed
U.S. - California - Proposition 65 - Developmental Toxicity
Helium 7440-59-7 > 99.99% Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female
Helium 7440-59-7 > 99.99% Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male
Helium 7440-59-7 > 99.99% Not Listed
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# **United States - Pennsylvania**

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      Labor

      U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

      • Helium 7440-59-7 > 99.99% Not Listed

      U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

      • Helium 7440-59-7 > 99.99% Not Listed
```

## **15.2 Chemical Safety Assessment**

• No Chemical Safety Assessment has been carried out.

Last Revision Date	• 22/June/2015
Preparation Date	• 25/July/2012
Disclaimer/Statement of Liability	To the best of Air Liquide's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either express or implied, are provided. The information contained herein relates only to this specific product. If this gas mixture is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
Key to abbreviations	
NDA = No Data Available	

Helium (Compressed)