

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 03/03/2015 Version: 1.0

SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Product name	: Desflurane (0.1000% - 0.9999%), Carbon Dioxide (3.0000% - 60.40%), Nitrous Oxide (20.00% - 77.40%) in Oxygen
Product code	: HC-2004-03397
1.2. Relevant identified uses of the s	substance or mixture and uses advised against
Use of the substance/mixture	: Test gas/Calibration gas.
1.3. Details of the supplier of the sa	fety data sheet
Air Liquide 2700 Post Oak Boulevard Houston, TX 77056 - USA T 1-800-819-1704 <u>www.us.airliquide.com</u>	
1.4. Emergency telephone number	
Emergency number	: CHEMTREC: 1-800-424-9300
SECTION 2: Hazards identification	n
2.1. Classification of the substance	
Classification (GHS-US) Ox. Gas 1	H270
Compressed gas	H280
Repr. 1A	H360
STOT SE 3	H336
GHS-US labeling Hazard pictograms (GHS-US)	
	CHS03 CHS04 CHS07 CHS08
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	<ul> <li>H270 - May cause or intensify fire; oxidizer</li> <li>H280 - Contains gas under pressure; may explode if heated</li> <li>H336 - May cause drowsiness or dizziness</li> <li>H360 - May damage fertility or the unborn child (Inhalation)</li> <li>OSHA-H01 - May displace oxygen and cause rapid suffocation</li> <li>CGA-HG03 - May increase respiration and heart rate</li> </ul>
Precautionary statements (GHS-US)	<ul> <li>P202 - Do not handle until all safety precautions have been read and understood P220 - Keep/Store away from clothing, combustible materials P244 - Keep reduction valves/valves and fittings free from oil and grease P261 - Avoid breathing gas, vapors P271 - Use only outdoors or in a well-ventilated area P280 - Wear eye protection, protective clothing, protective gloves P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P308+P313 - If exposed or concerned: Get medical advice/attention P370+P376 - In case of fire: Stop leak if safe to do so P403 - Store in a well-ventilated place P405 - Store locked up P501 - Dispose of contents/container in accordance with local/regional/national/international regulations</li> </ul>
03/17/2015	CGA-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F)
3/17/2015	EN (English US) Page 1

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

- CGA-PG05 Use a back flow preventive device in the piping
- CGA-PG06 Close valve after each use and when empty
- CGA-PG10 Use only with equipment rated for cylinder pressure

CGA-PG14 - Approach suspected leak area with caution

CGA-PG21 - Open valve slowly

CGA-PG22 - Use only with equipment cleaned for oxygen service

#### 2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

## SECTION 3: Composition/information on ingredients

3.1. Substance

## Not applicable

## 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Nitrous oxide	(CAS No) 10024-97-2	20 - 77.4	Ox. Gas 1, H270 Liquefied gas, H280 STOT SE 3, H336
Oxygen	(CAS No) 7782-44-7	19.5 - 76.9	Ox. Gas 1, H270
Carbon dioxide	(CAS No) 124-38-9	3 - 60.4	Liquefied gas, H280
Desflurane	(CAS No) 57041-67-5	0.1 - 0.9999	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Repr. 1A, H360 STOT SE 3, H336 STOT SE 3, H335

### Full text of H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Adverse effects not expected from this product.
First-aid measures after eye contact	: Adverse effects not expected from this product.
First-aid measures after ingestion	: Ingestion is not considered a potential route of exposure.
4.2. Most important symptoms and effe	ects, both acute and delayed
Symptoms/injuries after inhalation	: May increase respiration and heart rate. May displace oxygen and cause rapid suffocation. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	: Adverse effects not expected from this product.
Symptoms/injuries after eye contact	: Adverse effects not expected from this product.
Symptoms/injuries after ingestion	: Ingestion is not considered a potential route of exposure.
Symptoms/injuries upon intravenous administration	: Not known.
Chronic symptoms	: May damage fertility. May damage the unborn child.

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

If	you i	eel	unwell	, seel	< medical	advice.	If	breathing	İS	difficult,	give	oxygen.	
----	-------	-----	--------	--------	-----------	---------	----	-----------	----	------------	------	---------	--

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use water jet.
5.2. Special hazards arising from the sul	ostance or mixture
Fire hazard	: The product is not flammable.
Explosion hazard	: Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Reactivity	: None known.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5.3. Advice for firefighters	
Firefighting instructions	: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting	: Standard protective clothing and equipment (e.g., Self Contained Breathing Apparatus) for fire fighters. Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release me	asures
6.1. Personal precautions, protective e	equipment and emergency procedures
General measures	: Ensure adequate ventilation.
6.1.1. For non-emergency personnel	
Protective equipment	: Wear protective equipment consistent with the site emergency plan.
Emergency procedures	: Escape the danger area by the closest safe route. Close doors and windows of adjacent premises. Keep containers closed. Mark the danger area. Seal off low-lying areas. Keep upwind.
6.1.2. For emergency responders	
Protective equipment	: Standard protective clothing and equipment (e.g., Self Contained Breathing Apparatus) for fire fighters. Equip cleanup crew with proper protection.
Emergency procedures	: Evacuate and limit access. Ventilate area.
6.2. Environmental precautions	
Try to stop release if safe to do so.	
6.3. Methods and material for containr	nent and cleaning up
For containment	: Try to stop release if safe to do so.
Methods for cleaning up	: Dispose of this material and its container in accordance with local regulations.
6.4. Reference to other sections	
See also Sections 8 and 13.	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Pressurized container: Do not pierce or burn, even after use. Use equipment rated for cylinder pressure.
Precautions for safe handling	<ul> <li>Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area.</li> </ul>
Hygiene measures	: Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storage, include	ding any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Do not expose to temperatures exceeding 52°C (125°F). Store locked up. Keep container closed when not in use. Protect cylinder from physical damage. Store in well ventilated area.
Incompatible products	: None known.
Incompatible materials	: Flammable materials. Combustible materials. Reducing agents.
7.3. Specific end use(s)	
See Section 1.2.	
SECTION 8: Exposure controls/per	sonal protection
8.1. Control parameters	
•	ioxide (3.0000% - 60.40%), Nitrous Oxide (20.00% - 77.40%) in Oxygen
ACGIH Not applicab	

Not applicable

ACGIH

OSHA

Desflurane (57041-67-5)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Carbon dioxide (124-38-9)				
ACGIH	ACGIH TWA (ppm)	5000 ppm		
ACGIH	ACGIH STEL (ppm)	30000 ppm		
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>		
OSHA	OSHA PEL (TWA) (ppm)	5000 ppm		
Nitrous oxide (10024-97-2)				
ACGIH	ACGIH TWA (ppm)	50 ppm		
OSHA	Not applicable			

Oxygen (7782-44-7)	
ACGIH Not applicable	
OSHA	Not applicable

8.2. Exposure controls	
Appropriate engineering controls	<ul> <li>Ensure exposure is below occupational exposure limits. Provide adequate general and local exhaust ventilation. Systems under pressure should be regularly checked for leakages. Consider work permit system e.g. for maintenance activities. Oxygen detectors should be used when asphyxiating gases may be released.</li> </ul>
Hand protection	: Wear working gloves when handling gas containers. 29 CFR 1910.138: Hand Protection.
Eye protection	: Wear safety glasses with side shields. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing, e.g lab coats, coveralls or flame resistant clothing.
Respiratory protection	: None necessary during normal and routine operations. See Sections 5 & 6.
Thermal hazard protection	: None necessary during normal and routine operations.
Environmental exposure controls	: Refer to local regulations for restriction of emissions to the atmosphere. See section 13 for specific methods for waste gas treatment.
Other information	: Wear safety shoes while handling containers. 29 CFR 1910.136: Foot Protection.

### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and	I chemical properties
Physical state	: Gas
Appearance	: Clear, colorless gas.
Molecular mass	: Not applicable for gas-mixtures.
Color	: Colorless
Odor	: Odorless
Odor threshold	: No data available
pH	: Not applicable for gas-mixtures.
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: Not applicable for gas-mixtures.
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: See Sect. 2.1 & 2.2
Vapor pressure	: Not applicable.
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Relative gas density	: Heavier than or similar to air
Solubility	<ul> <li>Water: Solubility in water of component(s) of the mixture :</li> <li>Insoluble •: 2000 mg/l •: •: 39 mg/l</li> </ul>

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Log Pow	: Not applicable for gas-mixtures.
Log Kow	: Not applicable for gas-mixtures.
Viscosity, kinematic	: Not applicable.
Viscosity, dynamic	: Not applicable.
Explosive properties	: Not applicable - not flammable.
Oxidizing properties	: Not combustible but enhances combustion of other substances. May intensify fire. Oxidizer.
Explosive limits	: Not applicable - not flammable
9.2. Other information	
Additional information	: Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level.

	3.00.00
SECTION 10: Stability and reactivity	
10.1. Reactivity	
None known.	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
Can form explosive mixtures with flammable mate	erials. May react violently with reducing agents.
10.4. Conditions to avoid	
None under recommended storage and handling	conditions (see section 7).
10.5. Incompatible materials	
Flammable materials. Reducing agents. combust	ible materials.
10.6. Hazardous decomposition products	
Under normal conditions of storage and use haza	rdous decomposition products should not be produced.
<b>SECTION 11: Toxicological informati</b>	on
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
Carbon dioxide (124-38-9)	
LC50 inhalation rat (ppm)	820000 ppm/4h
Nitrous oxide (10024-97-2)	
LC50 inhalation rat (ppm)	250000 ppm/4h
Oxygen (7782-44-7)	
LC50 inhalation rat (ppm)	800000 ppm/4h
Skin corrosion/irritation	: Not classified
	pH: Not applicable for gas-mixtures.
Serious eye damage/irritation	: Not classified pH: Not applicable for gas-mixtures.
Respiratory or skin sensitization	: Not applicable for gas-mixtures.

: May damage fertility or the unborn child (Inhalation).

: May cause drowsiness or dizziness.

Specific target organ toxicity (single exposure)

Specific target organ toxicity (repeated

Germ cell mutagenicity

Reproductive toxicity

Carcinogenicity

: Not classified

: Not classified

: Not classified

: Not classified

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Symptoms/injuries after inhalation	: May increase respiration and heart rate. May displace oxygen and cause rapid suffocation. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	: Adverse effects not expected from this product.
Symptoms/injuries after eye contact	: Adverse effects not expected from this product.
Symptoms/injuries after ingestion	: Ingestion is not considered a potential route of exposure.
Symptoms/injuries upon intravenous administration	: Not known.
Chronic symptoms	: May damage fertility. May damage the unborn child.

### SECTION 12: Ecological information

**12.1. Toxicity** Ecology - general

: Classification criteria are not met.

## 12.2. Persistence and degradability

i and a district and a digital ability			
Desflurane (0.1000% - 0.9999%), Carbon Di	ioxide (3.0000% - 60.40%), Nitrous Oxide (20.00% - 77.40%) in Oxygen		
Persistence and degradability	No data available.		
Carbon dioxide (124-38-9)			
Persistence and degradability No ecological damage caused by this product.			
Nitrous oxide (10024-97-2)			
Persistence and degradability	Not applicable for inorganic gases.		
Oxygen (7782-44-7)			
Persistence and degradability No ecological damage caused by this product.			
12.3. Bioaccumulative potential			
	ioxide (3.0000% - 60.40%), Nitrous Oxide (20.00% - 77.40%) in Oxygen		
Log Pow	Not applicable for gas-mixtures.		
Log Kow	Not applicable for gas-mixtures.		
Bioaccumulative potential	No data available.		
Carbon dioxide (124-38-9)			
BCF fish 1 (no bioaccumulation)			
Log Pow	0.83		
Bioaccumulative potential	No ecological damage caused by this product.		
Nitrous oxide (10024-97-2)			
Log Pow	Not applicable for inorganic gases.		
Bioaccumulative potential	No data available.		
Oxygen (7782-44-7)			
Log Pow	Not applicable for inorganic gases.		
Bioaccumulative potential	No ecological damage caused by this product.		
12.4. Mobility in soil			
Desflurane (0.1000% - 0.9999%), Carbon Di	ioxide (3.0000% - 60.40%), Nitrous Oxide (20.00% - 77.40%) in Oxygen		
Mobility in soil	No data available.		
Carbon dioxide (124-38-9)			
Ecology - soil	No ecological damage caused by this product.		
Nitrous oxide (10024-97-2)			

 Ecology - soil
 Because of its high volatility, the product is unlikely to cause ground or water pollution.

 Oxygen (7782-44-7)
 Ecology - soil
 No ecological damage caused by this product.

12.5.	Other adverse effects		
Effect on	ozone layer	:	None.
Effect on	the global warming	:	Contains greenhouse gas(es) not covered by 842/2006/EC.

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday,	March 26, 2012 / Rules and Regulations
SECTION 13: Disposal consideration	
13.1. Waste treatment methods	
Waste treatment methods	Contact supplier if guidance is required. Do not discharge into any place where its accumulation could be dangerous. Ensure that the emission levels from local regulations or operating permits are not exceeded.
Waste disposal recommendations	: Refer to the CGA Pamphlet P-63 "Disposal of Gases" available at www.cganet.com for more guidance on suitable disposal methods.
SECTION 14: Transport information	
In accordance with DOT	
Transport document description	: UN3156 Compressed gas, oxidizing, n.o.s. (Nitrous Oxide, Oxygen)
UN-No.(DOT)	: UN3156
Proper Shipping Name (DOT)	: Compressed gas, oxidizing, n.o.s.
Hazard labels (DOT)	: 2.2 - Non-flammable gas 5.1 - Oxidizer
DOT Symbols	: G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102)	: A14 - This material is not authorized to be transported as a limited quantity or consumer commodity in accordance with 173.306 of this subchapter when transported aboard an aircraft.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 306
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 302
DOT Packaging Bulk (49 CFR 173.xxx)	: 314;315
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg
DOT Vessel Stowage Location	: D - The material must be stowed "on deck only" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.
Additional information	
Other information	: No supplementary information available.
Special transport precautions	<ul> <li>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:</li> <li>Ensure there is adequate ventilation Ensure that containers are firmly secured Ensure cylinder valve is closed and not leaking Ensure valve outlet cap nut or plug (where provided) is correctly fitted.</li> </ul>
ADR	
Transport document description	: UN 3156 COMPRESSED GAS, OXIDIZING, N.O.S., 2.2 (5.1), (E)
Class (ADR)	: 2 - Gases
Hazard identification number (Kemler No.)	: 25
Classification code (ADR)	: 10
Hazard labels (ADR)	: 2.2 - Non-flammable compressed gas 5.1 - Oxidizer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Orange plates	25 3156
Tunnel restriction code (ADR)	: E
LQ	: 0
Excepted quantities (ADR)	: E0
Transport by sea	
UN-No. (IMDG)	: 3156
Proper Shipping Name (IMDG)	: COMPRESSED GAS, OXIDIZING, N.O.S.
Class (IMDG)	: 2.2 - Non-flammable, non-toxic gases
Air transport	
UN-No.(IATA)	: 3156
Proper Shipping Name (IATA)	: COMPRESSED GAS, OXIDIZING, N.O.S.
Class (IATA)	: 2

SECTION 15: Regulatory information
5.1. US Federal regulations
Carbon dioxide (124-38-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Nitrous oxide (10024-97-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Oxygen (7782-44-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

### CANADA

No additional information available

Carbon dioxide (124-38-9)		
Listed on the Canadian DSL (Domestic Sustances List)		
WHMIS Classification	Class A - Compressed Gas	
Nitrous oxide (10024-97-2)		
Listed on the Canadian DSL (Domestic Sustances List)		
WHMIS Classification	Class A - Compressed Gas Class C - Oxidizing Material Class D Division 2 Subdivision A - Very toxic material causing other toxic effects	
Oxygen (7782-44-7)		
Listed on the Canadian DSL (Domestic Sustances List)		
WHMIS Classification	Class A - Compressed Gas Class C - Oxidizing Material	

### **EU-Regulations**

No additional information available

Carbon dioxide (124-38-9)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Nitrous oxide (10024-97-2)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Oxygen (7782-44-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Characterization according to Partulation (EC) No. 4272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

### 15.2.2. National regulations

### Carbon dioxide (124-38-9)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List)

### Nitrous oxide (10024-97-2)

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List)

### Oxygen (7782-44-7)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

### 15.3. US State regulations

Nitrous oxide (10024-97-2)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
No	Yes	Yes	No	

Carbon dioxide (124-38-9)	
U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List	
Nitrous oxide (10024-97-2)	
U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List	
Oxygen (7782-44-7)	
U.S Massachusetts - Right To Know List U.S New Jersey - Right to Know Hazardous Substance List	

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

## SECTION 16: Other information

## Indication of changes

Other information

 Revised safety data sheet in accordance with OSHA final rule on GHS implementation promulgated March 26, 2012.

: This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR, 1910.1200. Other government regulations must be reviewed for applicability to this product.

Safety Data Sheet

Full

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

II text of H-phrases:	
Compressed gas	Gases under pressure Compressed gas
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Liquefied gas	Gases under pressure Liquefied gas
Ox. Gas 1	Oxidizing gases Category 1
Repr. 1A	Reproductive toxicity Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H270	May cause or intensify fire; oxidizer
H280	Contains gas under pressure; may explode if heated
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H360	May damage fertility or the unborn child

SDS US (GHS HazCom 2012)

This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR, 1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Air Liquide America Corporation'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 product 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.