

Safety Data Sheet 50225

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

Date of issue: 09/18/2014 Revision date: 09/18/2014 Version: 1.

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

# 1.1. Product identifier

Product form : Mixture

Product name : Oxygen (0 - 19%,) Pentane (0.01 - 0.75%,) Carbon Monoxide (0.0005-0.09%,) Sulfur Dioxide

(0.0005-0.025%) in balance Nitrogen

# 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Test gas/Calibration gas.

# 1.3. Details of the supplier of the safety data sheet

Calgaz, division of Air Liquide 821 Chesapeake Drive Cambridge, 21613 - USA

T 1-410-228-6400 - F 1-410-228-4251 <u>info@Calgaz.com</u> - <u>www.Calgaz.com</u>

# 1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Internationally: 1-703-527-3887

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

# Classification (GHS-US)

Compressed gas H280

# 2.2. Label elements

# **GHS-US** labeling

Hazard pictograms (GHS-US)



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Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H280 - Contains gas under pressure; may explode if heated

Precautionary statements (GHS-US) : P202 - Do not handle until all safety precautions have been read and understood

P271 - Use only outdoors or in a well-ventilated area

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing

P313 - Get medical advice/attention

CGA-PG05 - Use a back flow preventive device in the piping

CGA-PG21 - Open valve slowly

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-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F)

P403 - Store in a well-ventilated place

# 2.3. Other hazards

No additional information available

# 2.4. Unknown acute toxicity (GHS-US)

No data available

# **SECTION 3: Composition/information on ingredients**

# 3.1. Substance

Not applicable

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Name	Product identifier	%	Classification (GHS-US)
Nitrogen	(CAS No) 7727-37-9	80.185 - 99.989	Compressed gas, H280
Oxygen	(CAS No) 7782-44-7	0 - 19	Ox. Gas 1, H270 Compressed gas, H280
Pentane	(CAS No) 109-66-0	0.01 - 0.75	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304
Carbon monoxide	(CAS No) 630-08-0	0.0005 - 0.09	Flam. Gas 1, H220 Compressed gas, H280 Acute Tox. 3 (Inhalation:gas), H331 Repr. 1A, H360 STOT RE 1, H372
Sulphur dioxide	(CAS No) 7446-09-5	0.0005 - 0.025	Liquefied gas, H280 Acute Tox. 3 (Inhalation:gas), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318

# **SECTION 4: First aid measures**

## **Description of first aid measures**

: If you feel unwell, seek medical advice (show the label where possible). First-aid measures general

First-aid measures after inhalation Remove 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 effects, both acute and delayed

Symptoms/injuries : Adverse effects not expected from this product. Symptoms/injuries after inhalation May displace oxygen and cause rapid suffocation. 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 : Not known.

administration

: Adverse effects not expected from this product. Chronic symptoms

# Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice. If breathing is difficult, give oxygen.

# **SECTION 5: Firefighting measures**

# **Extinguishing media**

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : Do not use water jet.

# Special hazards arising from the substance 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.

### 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.

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# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective 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 containment 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 : Do not handle until all safety precautions have been read and understood. Use only outdoors or

in a well-ventilated area.

Safe use of the product : Only experienced and properly instructed persons should handle gases under pressure. Use

only properly specified equipment which is suitable for this product, its supply pressure and

temperature. Contact your gas supplier if in doubt.

Hygiene measures : Do not eat, drink or smoke when using this product.

# 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Do not expose to temperatures exceeding 52°C (125°F). Keep container closed when not in use.

Protect cylinder from physical damage. Store in well ventilated area.

Incompatible products : None known.
Incompatible materials : None known.

# 7.3. Specific end use(s)

Test gas/Calibration gas.

# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

Pentane (109-66-0)		
USA ACGIH	ACGIH TWA (ppm)	600 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	2950 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

Carbon monoxide (630-08-0)		
USA ACGIH	ACGIH TWA (ppm)	25 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	55 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm

# Nitrogen (7727-37-9)

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Sulphur dioxide (7446-09-5)		
USA ACGIH	ACGIH STEL (ppm)	0.25 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	13 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	5 ppm

## 8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Systems under pressure should be

regularly checked for leakages. Ensure exposure is below occupational exposure limits.

Consider work permit system e.g. for maintenance activities.

Hand protection : Wear working gloves when handling gas containers. 29CFR 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 chemical properties

Physical state : Gas

Appearance : Clear, colorless gas.

Molecular mass : Not applicable for gas-mixtures.

Color : Colorless

Odor : sulfide-like;Pungent.
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) : Not applicable - not flammable

Vapor pressure : Not applicable.

Relative vapor density at 20 °C : No data available

Relative density : No data available

Relative gas density : Heavier than air.

Solubility : Water: Solubility in water of component(s) of the mixture :

•: 39 mg/l •: < 1 mg/l •: Insoluble •: 20 mg/l •:

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 : None.

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.

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# SECTION 10: Stability and reactivity

# 10.1. Reactivity

None known.

# 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

None known.

# 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

# 10.5. Incompatible materials

None known.

# 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

Specific target organ toxicity (single exposure)

Acute toxicity : Not classified

Oxygen (7782-44-7)	
LC50 inhalation rat (ppm)	400000 ppm/4h
Pentane (109-66-0)	
LD50 dermal rabbit	3000 mg/kg
LC50 inhalation rat (mg/l)	364 g/m³ (Exposure time: 4 h)
LC50 inhalation rat (ppm)	123390 ppm/4h
ATE US (dermal)	3000.00000000 mg/kg body weight
ATE US (gases)	123390.00000000 ppmV/4h
ATE US (vapors)	364.00000000 mg/l/4h
ATE US (dust, mist)	364.00000000 mg/l/4h
Carbon monoxide (630-08-0)	
LC50 inhalation rat (ppm)	1880 ppm/4h
ATE US (gases)	1880.00000000 ppmV/4h
Nitrogen (7727-37-9)	
LC50 inhalation rat (ppm)	410000 ppm/4h
Sulphur dioxide (7446-09-5)	
LC50 inhalation rat (ppm)	1260 ppm/4h
ATE US (gases)	1260.00000000 ppmV/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 classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Sulphur dioxide (7446-09-5)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified

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Specific target organ toxicity (repeated : Not classified

exposure)

No known effects from this product.

Aspiration hazard : Not classified

Not applicable for gases and gas-mixtures.

Symptoms/injuries after inhalation : May displace oxygen and cause rapid suffocation.

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

: Adverse effects not expected from this product.

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : No ecological damage caused by this product.

Pentane (109-66-0)	
LC50 fish 1	9.87 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	9.74 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	11.59 mg/l (Exposure time: 96 h - Species: Pimephales promelas)

# 12.2. Persistence and degradability

Oxygen ( 0 - 19%,) Pentane (0.01 - 0.75%,) Carbon Monoxide (0.0005-0.09%,) Sulfur Dioxide (0.0005-0.025%) in balance Nitrogen		
Persistence and degradability	No data available.	
Oxygen (7782-44-7)		
Persistence and degradability	No ecological damage caused by this product.	
Carbon monoxide (630-08-0)		
Persistence and degradability	Will not undergo hydrolysis. Not readily biodegradable. Not applicable for inorganic gases.	
Nitrogen (7727-37-9)		
Persistence and degradability	No ecological damage caused by this product.	
Sulphur dioxide (7446-09-5)		
Persistence and degradability	Not applicable for inorganic gases.	

# 12.3. Bioaccumulative potential

Oxygen ( 0 - 19%,) Pentane (0.01 - 0.75%,) Carbon Monoxide (0.0005-0.09%,) Sulfur Dioxide (0.0005-0.025%) in balance Nitrogen	
Log Pow	Not applicable for gas-mixtures.
Log Kow	Not applicable for gas-mixtures.
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.

# Pentane (109-66-0) 3.39

Carbon monoxide (630-08-0)	
Log Pow	1.78
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4), Refer to section 9.

Nitrogen (7727-37-9)	
Log Pow	Not applicable for inorganic gases.
Bioaccumulative potential	No ecological damage caused by this product.

Sulphur dioxide (7446-09-5)	
BCF fish 1	(no bioaccumulation expected)
Log Pow	Not applicable for inorganic gases.

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Sulphur dioxide (7446-09-5)		
Bioac	cumulative potential	No data available.
12.4.	Mobility in soil	

Oxygen (0 - 19%,) Pentane (0.01 - 0.75%,) Carbon Monoxide (0.0005-0.09%,) Sulfur Dioxide (0.0005-0.025%) in balance N		
Mobility in soil		No data available.

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

Oxygen (7782-44-7)				
Ecology - soil	No ecological damage caused by this product.			
Carbon monoxide (630-08-0)				
Ecology - soil Because of its high volatility, the product is unlikely to cause ground or water pollution.				
Nitrogen (7727-37-9)				
Ecology - soil	No ecological damage caused by this product.			
Sulphur dioxide (7446-09-5)				
Ecology - soil Because of its high volatility, the product is unlikely to cause ground or water pollution.				

12.5. Other adverse effects
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Effect on ozone layer : None.

Effect on the global warming : Contains greenhouse gas(es) not covered by 842/2006/EC.

# **SECTION 13: Disposal considerations**

# Waste treatment methods

Waste treatment methods : Contact supplier if guidance is required. May be vented to atmosphere. 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.

Refer to the CGA Pamphlet P-63 "Disposal of Gases" available at www.cganet.com for more Waste disposal recommendations

guidance on suitable disposal methods.

# **SECTION 14: Transport information**

In accordance with DOT

Transport document description : UN1956 Compressed gas, n.o.s. (Oxygen, Nitrogen)

UN-No.(DOT) 1956 DOT NA no. : UN1956

**DOT Proper Shipping Name** : Compressed gas, n.o.s. Hazard labels (DOT) : 2.2 - Non-flammable gas



: G - Identifies PSN requiring a technical name **DOT Symbols** 

DOT Packaging Exceptions (49 CFR 173.xxx) : 306:307 DOT Packaging Non Bulk (49 CFR 173.xxx) : 302:305 DOT Packaging Bulk (49 CFR 173.xxx) : 314;315 DOT Quantity Limitations Passenger aircraft/rail : 75 kg (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 150 kg

CFR 175.75)

**DOT Vessel Stowage Location** : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

**Additional information** 

Other information : No supplementary information available.

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Special transport precautions : 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: - 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. - Ensure valve protection device (where provided) is correctly fitted.

**ADR** 

Transport document description

Transport by sea

UN-No. (IMDG) : 1956

Proper Shipping Name (IMDG) : COMPRESSED GAS, N.O.S.

Class (IMDG) : 2.2 - Non-flammable, non-toxic gases

Air transport

UN-No.(IATA) : 1956

Proper Shipping Name (IATA) : COMPRESSED GAS, N.O.S.

Class (IATA) : 2

# **SECTION 15: Regulatory information**

# 15.1. US Federal regulations

Pentane (109-66-0)	
Listed on the United States TSCA (Toxic Substa	ances Control Act) inventory

EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

# Sulphur dioxide (7446-09-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on the United States SARA Section 302

SARA Section 302 Threshold Planning

Quantity (TPQ)

500

# 15.2. International regulations

# CANADA

Oxygen (7782-44-7)			
Listed on the Canadian DSL (Domestic Sustances List)			
WHMIS Classification	Class A - Compressed Gas Class C - Oxidizing Material		

# Pentane (109-66-0) Listed on the Canadian DSL (Domestic Sustances List)

WHMIS Classification Class B Division 2 - Flammable Liquid

# Carbon monoxide (630-08-0)

Listed on the Canadian DSL (Domestic Sustances List)

Class B Division 1 - Flammable Gas

Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic

effects

Class A - Compressed Gas

Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

# Nitrogen (7727-37-9)

WHMIS Classification

Listed on the Canadian DSL (Domestic Sustances List)

WHMIS Classification Class A - Compressed Gas

# Sulphur dioxide (7446-09-5)

Listed on the Canadian DSL (Domestic Sustances List)

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Sulphur dioxide (7446-09-5)	
WHMIS Classification	Class A - Compressed Gas Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class E - Corrosive Material

# **EU-Regulations**

# Sulphur dioxide (7446-09-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

# Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

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

# 15.2.2. National regulations

# Sulphur dioxide (7446-09-5)

Listed on 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)

# 15.3. US State regulations

Carbon monoxide (630-08-0)				
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)
	Yes			

Sulphur dioxide (7446-09-5)					
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)	
	Yes				

# 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

# Pentane (109-66-0)

- 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

# Carbon monoxide (630-08-0)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

# Nitrogen (7727-37-9)

- 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

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# Sulphur dioxide (7446-09-5)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

# **SECTION 16: Other information**

Indication of changes : Revised safety data sheet in accordance with OSHA final rule on GHS implementation

promulgated March 26, 2012.

Revision date : 09/18/2014

Other information : 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.

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

Acute Tox. 3 (Inhalation:gas) Acute toxicity (inhalation:gas) Category 3	
Asp. Tox. 1	Aspiration hazard Category 1
Compressed gas	Gases under pressure Compressed gas
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Gas 1	Flammable gases Category 1
Flam. Liq. 2	Flammable liquids Category 2
Liquefied gas	Gases under pressure Liquefied gas
Ox. Gas 1	Oxidizing gases Category 1
Repr. 1A	Reproductive toxicity Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H220	Extremely flammable gas
H225	Highly flammable liquid and vapor
H270	May cause or intensify fire; oxidizer
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H360	May damage fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure

# 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 gas mixture. To the best of Calgaz's knowledge, the information contained herein is reliable and accurate as of this date; however, accruacy, 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.

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