

Safety Data Sheet PTG-4145 Prepared in accordance with the model Work Health and Safety Regulations Date of issue: 01/14/2016 Revision date: 01/14/2016 Version: 1.0

1.1.	Product identifier		
Produc	ct form	: Mixture	
Name		: PTG-4145	
Formu	la	: (0.0001 - 0.5 %) Ethane, (0.0001 - 0.5 %) Ethylene	e, (0.0001 - 0.5 %) Hydrogen in Argon
1.2.	Relevant identified uses of t	he substance or mixture and uses advised against	
Use of	the substance/mixture	: Calibration / Reference	
Use of	the substance/mixture	: Industrial use. Use as directed.	
1.3.	Details of the supplier of the	safety data sheet	
		Manufactured For: Scientific Gas Australia Pty Ltd. Unit 3, 1 Perry Street Matraville NSW, 2036 - Australia T PH 1300 880 531	By: PortaGas (Praxair, Inc.) 1202 E Sam Houston Pkwy S Pasadena, TX 77503 T 281-928-6477
1.4.	Emergency telephone numb	er	
Emerg	ency number	 Onsite Emergencies: 1-800-645-4633; Australian F Australian Fire Brigade: 000 CHEMTREC: USA 1-800-424-9300, International contract 17729) 	

SEC	SECTION 2: Hazard identification			
0.4	Classification of the substance or mixture			
2.1.	Classification of the substance or mixture			

Classification (GHS-AU)

Compressed gas H280

2.2. Label elements	
GHS-AU labelling	
Hazard pictograms (GHS-AU)	GHS04
Signal word (GHS-AU)	: WARNING
Hazard statements (GHS-AU)	: H280 - CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED OSHA-H01 - MAY DISPLACE OXYGEN AND CAUSE RAPID SUFFOCATION
Precautionary statements (GHS-AU)	 P403 - Use and store only outdoors or in a well-ventilated place CGA-PG27 - Read and follow the Safety Data Sheet (SDS) before use CGA-PG21 - Open valve slowly CGA-PG12 - Do not open valve until connected to equipment prepared for use CGA-PG11 - Never put cylinders into unventilated areas of passenger vehicles CGA-PG10 - Use only with equipment rated for cylinder pressure CGA-PG05 - Close valve after each use and when empty CGA-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F) CGA-MP01 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention P261 - Avoid breathing gas, vapors
2.3. Other hazards	
Other hazards not contributing to the classification	: Asphyxiant in high concentrations.
EN (English - AU)	SDS ID: PTG-4145 1/10



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2.4. Unknown acute toxicity (GH	IS US)				
	No dat	a available	9		
ECTION 3: Composition/Info	rmation on ing	gredient	S		
.1. Substance					
	Not ap	plicable			
3.2. Mixture					
Name		Product	identifier	%	
Argon		(CAS No) 74	440-37-1	98.5 - 100	
Ethane		(CAS No) 74-84-0		0.0001 - 0.5	
Ethylene		(CAS No) 74-85-1 0.0001 - 0.5 (CAS No) 1333-74-0 0.0001 - 0.5			
Hydrogen		(CAS NO) 13	555-74-0	0.0001 - 0.3	
ECTION 4: First aid measure	S				
.1. Description of first aid meas					
irst-aid measures after inhalation			o uncontaminated area wearin rested. Call a doctor. Apply a		
ïrst-aid measures after skin contact			not expected from this produc		
irst-aid measures after eye contact	away f	Immediately flush eyes thoroughly with water for at least 15 minutes. Hold the eyelids open and away from the eyeballs to ensure that all surfaces are flushed thoroughly. Contact an ophthalmologist immediately Get immediate medical attention.			
irst-aid measures after ingestion	: Ingesti	ion is not c	considered a potential route o	f exposure.	
.2. Most important symptoms a	and effects, both a	cute and	delayed		
	No add	ditional info	ormation available		
.3. Indication of any immediate	medical attention	and spec	ial treatment needed		
None.					
SECTION 5: Firefighting meas	sures				
.1. Extinguishing media					
	: Use ex	xtinguishin	g media appropriate for surro	unding fire.	
uitable extinguishing media	: Use ex : 2TE.	xtinguishin	g media appropriate for surro	unding fire.	
uitable extinguishing media lazChem code	: 2TE.	-	g media appropriate for surro	unding fire.	
uitable extinguishing media azChem code .2. Special hazards arising from	: 2TE. n the substance of	r mixture	g media appropriate for surro ard other than the effects des	-	ctions below.
Suitable extinguishing media HazChem code 5.2. Special hazards arising from Reactivity	: 2TE. n the substance of	r mixture		-	ctions below.
Suitable extinguishing media HazChem code S.2. Special hazards arising from Reactivity S.3. Advice for firefighters	: 2TE. n the substance of : No rea : Evacua and pro Remov	r mixture activity haz ate all pers otective cl ve ignition	ard other than the effects des sonnel from the danger area. othing. Immediately cool con	cribed in sub-se Use self-contain tainers with wate ove containers	ned breathing apparatus (SCBA) er from maximum distance. rom area of fire if safe to do so.
Suitable extinguishing media HazChem code .2. Special hazards arising from Reactivity .3. Advice for firefighters Tirefighting instructions	: 2TE. n the substance of : No rea : Evacua and pro Remov On-site	r mixture activity haz ate all pers otective cl ve ignition e fire briga	ard other than the effects des sonnel from the danger area. othing. Immediately cool con sources if safe to do so. Rem	Use self-contain tainers with wate ove containers ovincial and loca	ned breathing apparatus (SCBA) er from maximum distance. rom area of fire if safe to do so. al fire regulations.
Suitable extinguishing media HazChem code S.2. Special hazards arising from Reactivity S.3. Advice for firefighters Firefighting instructions	: 2TE. n the substance of : No rea : Evacua and pro Remov On-site : Compr	r mixture activity haz ate all pers otective cl- ve ignition e fire briga ressed gas ard protect	ard other than the effects des sonnel from the danger area. othing. Immediately cool con sources if safe to do so. Rem des must comply with their pr	Use self-contain tainers with wate ove containers for ovincial and loca ard by lack of op	ned breathing apparatus (SCBA) er from maximum distance. from area of fire if safe to do so. al fire regulations. tygen.
Suitable extinguishing media HazChem code S.2. Special hazards arising from Reactivity S.3. Advice for firefighters Firefighting instructions Protection during firefighting Special protective equipment for fire figh	: 2TE. n the substance of : No rea : Evacua and pro- Remov On-site : Compr nters : Standa fighters : Use firr radiatio from a	r mixture activity haz ate all pers otective cleve ignition e fire briga ressed gas ard protect s. re control r on may ca	ard other than the effects des sonnel from the danger area. othing. Immediately cool con sources if safe to do so. Rem des must comply with their p s: asphyxiant. Suffocation haz ive clothing and equipment (S neasures appropriate for the use gas containers to rupture position. Prevent water used	Use self-contain tainers with water ove containers to ovincial and loca ard by lack of or Self Contained B surrounding fire.	ned breathing apparatus (SCBA) er from maximum distance. from area of fire if safe to do so. al fire regulations. kygen. reathing Apparatus) for fire
Suitable extinguishing media HazChem code 5.2. Special hazards arising from Reactivity	: 2TE. n the substance of : No rea : Evacua and pro Remov On-site : Compr nters : Standa fighters : Use fir radiation from a drainag	r mixture activity haz ate all pers otective clave ignition e fire briga ressed gas ard protect s. re control r on may ca protected ge system	ard other than the effects des sonnel from the danger area. othing. Immediately cool con sources if safe to do so. Rem des must comply with their p s: asphyxiant. Suffocation haz ive clothing and equipment (S neasures appropriate for the use gas containers to rupture position. Prevent water used	Use self-contain tainers with water ove containers to ovincial and loca ard by lack of or Self Contained B surrounding fire.	hed breathing apparatus (SCBA) er from maximum distance. rom area of fire if safe to do so. al fire regulations. cygen. reathing Apparatus) for fire Exposure to fire and heat ed containers with water spray jet
Suitable extinguishing media HazChem code S.2. Special hazards arising from Reactivity S.3. Advice for firefighters Firefighting instructions Protection during firefighting Special protective equipment for fire figh	: 2TE. n the substance of : No rea : Evacua and pro- Remov On-site : Compr nters : Standa fighters : Use firr radiation from a drainage Stop field	r mixture activity haz ate all pers otective cluve ve ignition e fire briga ressed gas ard protect s. re control r on may ca protected ge system ow of prod	ard other than the effects des sonnel from the danger area. othing. Immediately cool con sources if safe to do so. Rem des must comply with their pr s: asphyxiant. Suffocation haz ive clothing and equipment (\$ neasures appropriate for the use gas containers to rupture position. Prevent water used s	Use self-contain tainers with water ove containers in ovincial and loca ard by lack of or Self Contained B surrounding fire. . Cool endanger in emergency c	hed breathing apparatus (SCBA) er from maximum distance. rom area of fire if safe to do so. al fire regulations. cygen. reathing Apparatus) for fire Exposure to fire and heat ed containers with water spray jet
Suitable extinguishing media HazChem code Special hazards arising from Reactivity Advice for firefighters Firefighting instructions Protection during firefighting Special protective equipment for fire figh	: 2TE. n the substance of : No rea : Evacua and pro- Removing On-site : Comprimenters : Standa fighters : Use fir radiation from a drainage Stop file Use was	r mixture activity haz ate all pers otective cluve ve ignition e fire briga ressed gas ard protect s. re control r on may ca protected ge system ow of prod	ard other than the effects des sonnel from the danger area. othing. Immediately cool con sources if safe to do so. Rem des must comply with their pr s: asphyxiant. Suffocation haz ive clothing and equipment (S neasures appropriate for the use gas containers to rupture position. Prevent water used s	Use self-contain tainers with water ove containers in ovincial and loca ard by lack of or Self Contained B surrounding fire. . Cool endanger in emergency c	hed breathing apparatus (SCBA) er from maximum distance. rom area of fire if safe to do so. al fire regulations. cygen. reathing Apparatus) for fire Exposure to fire and heat ed containers with water spray jet

entering a	area. Ensure adequate air ventilation. Wear self-contained breathing apparatus when rea unless atmosphere is proven to be safe. Evacuate area. Ensure adequate . Stop leak if safe to do so.
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	AUGINALIA	
6.1.1.	For non-emergency personnel	No additional information available
6.1.2.	For emergency responders	No additional information available
6.2.	Environmental precautions	
		Try to stop release. Prevent waste from contaminating the surrounding environment. Prevent soil and water pollution. Dispose of contents/container in accordance with local/regional/national/international regulations. Contact supplier for any special requirements.
6.3.	Methods and material for containme	nt and cleaning up
		No additional information available
6.4.	Reference to other sections	
		See also sections 8 and 13.
SECT	ION 7: Handling and storage	
7.1.	Precautions for safe handling	
Precaut	ions for safe handling	: Wear leather safety gloves and safety shoes when handling cylinders. Protect cylinders from physical damage; do not drag, roll, slide or drop. While moving cylinder, always keep in place removable valve cover. Never attempt to lift a cylinder by its cap; the cap is intended solely to protect the valve. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Never insert an object (e.g, wrench, screwdriver, pry bar) into cap openings; doing so may damage the valve and cause a leak. Use an adjustable strap wrench to remove over-tight or rusted caps. Slowly open the valve. If the valve is hard to open, discontinue use and contact your supplier. Close the container valve after each use; keep closed even when empty. Never apply flame or localized heat directly to any part of the container. High temperatures may damage the container and could cause the pressure relief device to fail prematurely, venting the container contents. For other precautions in using this product, see section 16.
7.2.	Conditions for safe storage, includin	ig any incompatibilities
Storage	conditions	: Store in a cool, well-ventilated place. Store and use with adequate ventilation. Store only where temperature will not exceed 125°F (52°C). Firmly secure containers upright to keep them from falling or being knocked over. Install valve protection cap, if provided, firmly in place by hand. Store full and empty containers separately. Use a first-in, first-out inventory system to prevent storing full containers for long periods
		OTHER PRECAUTIONS FOR HANDLING, STORAGE, AND USE: When handling product under pressure, use piping and equipment adequately designed to withstand the pressures to be encountered. Never work on a pressurized system. Use a back flow preventive device in the piping. Gases can cause rapid suffocation because of oxygen deficiency; store and use with adequate ventilation. If a leak occurs, close the container valve and blow down the system in a safe and environmentally correct manner in compliance with all international, federal/national, state/provincial, and local laws; then repair the leak. Never place a container where it may become part of an electrical circuit.
7.3.	Specific end use(s)	

None.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Argon (7440-37-1)			
Not established			
USA OSHA Not established			
Ethane (74-84-0)			
Not established			
Not established			
Ethylene (74-85-1)			
ACGIH TLV-TWA (ppm)	200 ppm		
	Not established Not established Not established		

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Ethylene (74-85-1)				
ACGIH	Remark (ACGIH)		Asphyxia	
Hydrogen (1333-74-0)			·	
ACGIH	Remark (ACGIH)		Simple asphyxiant	
USA OSHA	Not established			
8.2. Exposure controls				
Appropriate engineering controls	s :	Oxygen detectors should be used when asphyxiating gases may be released. Systems under pressure should be regularly checked for leakages. Provide adequate general and local exhaust ventilation. Consider work permit system e.g. for maintenance activities.		
Personal protective equipment	:	Gloves. Safety glasses.		
Hand protection :		Wear working gloves when handling gas containers.		
Eye protection	:		ylinders; vapor-proof goggles and a face shield during act with product is possible. Select eye protection in S/NZS 1337.	
Skin and body protection	:	: Wear work gloves and metatarsal shoes for cylinder handling. Protective equipment where needed. Select in accordance with AS/NZS 2161, AS/NZS 2210.1, and AS/NZS 4503.		
Respiratory protection :		meets AS/NSZ 1715, AS/NSZ 1716, J Use an air-supplied or air-purifying ca respirator has the appropriate protect	espirator use, follow a respiratory protection program that ANSI Z88.2, or MSHA 30 CFR 72.710 (where applicable). artridge if the action level is exceeded. Ensure that the ion factor for the exposure level. If cartridge type	

	respirators are used, the cartridge must be appropriate for the chemical exposure. For emergencies or instances with unknown exposure levels, use a self-contained breathing apparatus (SCBA).
Thermal hazard protection	 : Wear cold insulating gloves when transfilling or breaking transfer connections.
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. Wear leather safety gloves and safety shoes when handling cylinders.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical an	d chemical properties	
Physical state	: Gas	
Color	: Colorless	
Odor	: No data available	
Odor threshold	: No data available	
рН	: Not applicable.	
Relative evaporation rate (butyl acetate=1)	: No data available	
Relative evaporation rate (ether=1)	: Not applicable.	
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)	: No data available	
Vapor pressure	: Not applicable.	

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Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: No data available
Log Pow	: Not applicable.
Log Kow	: Not applicable.
Viscosity, kinematic	: Not applicable.
Viscosity, dynamic	: Not applicable.
Explosive properties	: Not applicable.
Oxidizing properties	: None.
Explosion limits	: No data available
9.2. Other information	

No additional information available

	ION 10: Stability and reactivity	
10.1.	Reactivity	
		No reactivity hazard other than the effects described in sub-sections below.
10.2.	Chemical stability	
		Stable under normal conditions.
10.3.	Possibility of hazardous reactions	
		No additional information available
10.4.	Conditions to avoid	
		No additional information available
10.5.	Incompatible materials	
		No additional information available
10.6.	Hazardous decomposition products	
		No additional information available
SECT	ION 11: Toxicological information	on
44.4	Information on tools also in the te	

Information on toxicological effects 11.1.

Acute toxicity	: Not classified
Ethane (74-84-0)	
ATE US (vapors)	658.000 mg/l/4h
ATE US (dust, mist)	658.000 mg/l/4h
Hydrogen (1333-74-0)	
LC50 inhalation rat (ppm)	> 15000 ppm/1h
Skin corrosion/irritation	: Not classified
	pH: Not applicable.
Serious eye damage/irritation	: Not classified
	pH: Not applicable.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Ethylene (74-85-1)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified

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Specific target organ toxicity (repeated exposure)	: Not classified		
Aspiration hazard	: Not classified		
SECTION 12: Ecological informatio	n		
12.1. Toxicity			
Ecology - general	: No known ecological damage caused by this product.		
12.2. Persistence and degradability			
PTG-4145			
Persistence and degradability	No ecological damage caused by this product.		
Argon (7440-37-1)			
Persistence and degradability	No ecological damage caused by this product.		
Ethane (74-84-0)			
Persistence and degradability	The substance is biodegradable. Unlikely to persist.		
Ethylene (74-85-1) Persistence and degradability	The substance is biodegradable. Unlikely to persist.		
Hydrogen (1333-74-0)	No. and a first device a second by the second set		
Persistence and degradability	No ecological damage caused by this product.		
12.3. Bioaccumulative potential			
PTG-4145			
Log Pow	Not applicable.		
Log Kow	Not applicable.		
Bioaccumulative potential	No ecological damage caused by this product.		
Argon (7440-37-1)			
Log Pow	Not applicable.		
Log Kow	Not applicable.		
Bioaccumulative potential	No ecological damage caused by this product.		
Ethane (74-84-0)			
Log Pow	1.81		
Log Kow	Not applicable.		
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4). Refer to section 9.		
Ethylene (74-85-1)			
BCF fish 1	4 - 4.6		
Log Pow	1.13		
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4). Refer to section 9.		
Hydrogen (1333-74-0)			
BCF fish 1	(no bioaccumulation expected)		
Log Pow	Not applicable.		
Log Kow	Not applicable.		
Bioaccumulative potential	No ecological damage caused by this product.		
I2.4. Mobility in soil			
,			
PTG-4145			
Mobility in soil	No data available.		
Argon (7440-37-1)			
Mobility in soil	No data available.		
Ecology - soil	No ecological damage caused by this product.		
Ecology - soil Ethane (74-84-0)	No ecological damage caused by this product. Vo data available.		



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Ethane (74-84-0)	
Ecology - soil	Because of its high volatility, the product is unlikely to cause ground or water pollution.
Ethylene (74-85-1)	
Ecology - soil	Because of its high volatility, the product is unlikely to cause ground or water pollution.
Hydrogen (1333-74-0)	
Mobility in soil	No data available.
Ecology - soil	No ecological damage caused by this product.
12.5. Other adverse effects	
Effect on ozone layer	: None

SECTION 13: Disposal consideration	1S
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose of contents/container in accordance with local/regional/national/international regulations. Contact supplier for any special requirements.
SECTION 14: Transport information	

Transport of Australian Dangerous Goods UN-No. (ADG) Proper Shipping Name (ADG) Class (ADG) Danger labels (ADG)	 : UN1956 : COMPRESSED GAS, N.O.S. : 2.2 - 2.2 - Class 2.2 - Non-flammable compressed gas : 2.2 - Non-flammable compressed gas
Special provision (ADG)	: 274
In accordance with DOT	
Transport document description	: UN1956 Compressed gas, n.o.s., 2.2
UN-No.(DOT)	: UN1956
Proper Shipping Name (DOT)	: Compressed gas, n.o.s.
Class (DOT)	: 2.2 - 2.2 - Class 2.2 - Non-flammable compressed gas
Hazard labels (DOT)	: 2.2 - Non-flammable gas
DOT Symbols	: G - Identifies proper shipping name (PSN) requiring the addition of technical name(s) in parentheses following the PSN
Additional information	
Emergency Response Guide (ERG) Number	: 126
HazChem code	: 2TE.
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 contain - 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 provid is correctly fitted Ensure valve protection device (where provided) is correctly fitted.	
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	
Limited quantities (IMDG)	: 120ml	
EmS-No. (1)	: F-C	
MFAG-No	: 620	
EmS-No. (2)	: S-V	
Air transport		
UN-No. (IATA)	: 1956	
Proper Shipping Name (IATA)	: COMPRESSED GAS, N.O.S.	
Class (IATA)	: 2	
Instruction "cargo" (ICAO)	: 200	
Instruction "passenger" (ICAO)	: 200	
Instruction "passenger" - Limited quantities (ICAO)	: FORBIDDEN	

SECTION 15: Regulatory information

15.1. US Federal regulations

Ethylene (74-85-1)	
Listed on the United States TSCA (Toxic Substand	
Subject to reporting requirements of United States	SARA Section 313
SARA Section 313 - Emission Reporting	1.0 %
5.2. International regulations	
ANADA	
Argon (7440-37-1)	
Listed on the Canadian DSL (Domestic Substance	es List)
Ethane (74-84-0)	
Listed on the Canadian DSL (Domestic Substance	es List)
Ethylene (74-85-1)	
Listed on the Canadian DSL (Domestic Substance	es List)
Hydrogen (1333-74-0)	
Listed on the Canadian DSL (Domestic Substance	es List)
U-Regulations	

Ethylene (74-85-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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15.2.2. **National regulations**

Ethylene (74-85-1)

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 INSQ (Mexican National Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

15.3. US State regulations

PTG-4145()	
U.S California - Proposition 65 - Carcinogens List	No
U.S California - Proposition 65 - Developmental Toxicity	No
U.S California - Proposition 65 - Reproductive Toxicity - Female	No
U.S California - Proposition 65 - Reproductive Toxicity - Male	No

Argon (7440-37-1)				
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	Non-significant risk level (NSRL)
No	No	No	No	
Ethane (74-84-0)				•
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	Non-significant risk level (NSRL)
No	No	No	No	
Ethylene (74-85-1)				
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	Non-significant risk level (NSRL)
No	No	No	No	
Hydrogen (1333-74-0)	•	•	· ·	•
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	Non-significant risk level (NSRL)
No	No	No	No	
Argon (7440-37-1)		·		
U.S Massachusetts - R U.S New Jersey - Righ U.S Pennsylvania - RT	t to Know Hazardous Substance	List		
Ethane (74-84-0)				
U.S Massachusetts - R	t to Know Hazardous Substance	List		

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Ethylene (74-85-1)

- 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

Hydrogen (1333-74-0)

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

SECTION 16: Other information

Other information

: When you mix two or more chemicals, you can create additional, unexpected hazards. Obtain and evaluate the safety information for each component before you produce the mixture. Consult an industrial hygienist or other trained person when you evaluate the end product. Before using any plastics, confirm their compatibility with this product

Praxair asks users of this product to study this SDS and become aware of the product hazards and safety information. To promote safe use of this product, a user should (1) notify employees, agents, and contractors of the information in this SDS and of any other known product hazards and safety information, (2) furnish this information to each purchaser of the product, and (3) ask each purchaser to notify its employees and customers of the product hazards and safety information

The opinions expressed herein are those of qualified experts within Praxair, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use are not within the control of Praxair, Inc, it is the user's obligation to determine the conditions of safe use of the product

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