

## **SAFETY DATA SHEET**

Creation Date: 2-17-21 Revision Date: 2-17-21 SDS-11, Revision Number: 1

1	Identification	a) Product identi	fier used on the lab	el: <b>PC-105, CAP-</b> 0	001				
		b) Other means of							
		c) Recommended							
		d) Name, address	Name, address, and telephone number of the chemical manufacturer, importer, or other						
		responsible pa	responsible party: Bascom-Turner Instruments, Inc., 111 Downey Street, Norwood, MA						
		02062.							
		e) Emergency tel	ephone number: 7	81-769-9660					
2	Hazard(s) identification	a) Classification of	of substance or mixt	ture: GHS04 Gas	Cylinder				
		b) Signal word:	Warning						
		^	Hazard Stateme	nts:					
			H280 Contains gas under pressure; may explode if heated						
			Simple Asphyxiant – May displace oxygen and cause suffocation						
			Simple Asphysiant Way displace oxygen and cause suffocation						
			Precautionary St	atements:					
			P410: Protect from Sunlight						
			P403: Store	in a well-ventilat	ed place				
		c) Hazards not of	harwisa classifiad:	None known					
		,	<ul><li>c) Hazards not otherwise classified: None known.</li><li>d) No component at 1% concentration or higher having unknown acute toxicity.</li></ul>						
3	Composition/	u) No component	t at 170 concentration	on or maner navn	ing arrivino wir acate tox	iorcy.			
	information on	Hazardous	Concentration	C.A.S. N.A. or	"Exposure limits"	LD50/LC50			
	ingredients	Ingredients	%	U.N. Number	Exposure mines	1330/1030			
	<b>0</b>	Approximate							
		Carbon	0.01%	630-08-0	ACGIH TLV 25 ppm	1807 ppm/4hrs.			
		Monoxide	(100 ppm)		OSHA PEL 50 ppm	LC50 Rat			
					NIOSH C 200 ppm	Inhalation			
						1334 ppm LD50			
						Wild Bird			
						Inhalation			
		Propane	1.0%	74-98-6	OSHA PEL 1000				
					ppm -				
					Propane is a				
			10 200/		simple asphyxiant				
		Oxygen	18 – 23%	7782-44-7	None, Oxygen				
					should be				
					maintained				
		Nitrogon (Main	Palanco	7727-37-9	>19.5%				
		Nitrogen (Main	Balance	//2/-3/-9	None, Nitrogen is a simple				
1									
		Component)			asphyxiant				

4	First aid measures	٦١	Description of necessary measures, subdivided according to the different routes of exposure,
4	riist alu illeasures	a)	i.e., inhalation, skin and eye contact, and ingestion:
			<ul> <li>Inhalation: No unusual health effects are anticipated after exposure to this product, due to the small cylinder size. If any adverse symptom develops after over-exposure to this product, remove victim(s) to fresh air as quickly as possible. Only trained personnel should administer supplemental oxygen and/or cardio-pulmonary resuscitation if necessary.</li> <li>Skin Contact: Generally does not cause skin irritation. Frostbite may occur in cases of contact with liquefied material. Immerse in lukewarm water (105°F) or wrap in warm blanket if water is unavailable. Consult a physician.</li> <li>Eye Contact: Not anticipated under normal use. Rinse under running water. Consult a physician.</li> <li>Ingestion: Not a likely route of exposure. If ingested and symptoms arise, consult a physician.</li> </ul>
			<u>General:</u> Victim(s) who experience any adverse effect after over-exposure to this product must be taken for medical attention. Take a copy of the label and the MSDS to physician or other health professional with victim(s)
		b)	Most important symptoms/effects, acute and delayed: No further information is available.
		c)	Indication of immediate medical attention and special treatment needed, if necessary.  No further information is available.
5	Fire-fighting measures	a)	Suitable (and unsuitable) extinguishing media.
		b)	Non-flammable gas mixture. Use fire extinguishing media suitable for surrounding fire Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):
			The gas mixture is not flammable; however, containers, when involved in fire, may rupture or burst in the heat of the fire.
		c)	Special protective equipment and precautions for fire-fighters.  Use self-contained breathing apparatus and full protective gear.
6	Accidental release measures	a)	Personal precautions, protective equipment, and emergency procedures:  Due to the small size and content of the cylinder (e.g. 105 liters), an accidental release of this product presents significantly less risk of an oxygen deficient environment and other safety hazards than a similar release from a larger cylinder. Treat any fumes as toxic.
		b)	Methods and materials for containment and cleaning up. In a confined area, NIOSH approved respiratory equipment may be required. this product presents significantly less risk of an oxygen deficient environment and other safety hazards than a similar release from a larger cylinder.
7	Handling and storage	a)	Precautions for safe handling: Cylinders should be firmly secured to prevent falling or being knocked-over.
		b)	Conditions for safe storage, including any incompatibilities: Cylinders must be protected from the environment, and preferably kept at room temperature. Cylinders should be stored in dry, well ventilated areas, away from sources of heat, ignition, and direct sunlight. Protect cylinders against physical damage.

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Cargo aircraft only: 150 kg.

g) Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

Not Applicable

15	Regulatory information (Non-mandatory)	Safety, health and environmental regulations specific for the product in question:  Section 355 (extremely hazardous substances): None of the ingredients are listed.  Section 313 (Specific toxic chemical listings): None of the ingredients are listed.  TSCA (Toxic Substances Control Act): All ingredients are listed or exempt from listing.  Chemicals known to cause cancer: None of the ingredients are listed.  Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.  Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.  Chemicals known to developmental toxicity: None of the ingredients are listed.			
16	Other information, including date of preparation or last revision	Hazardous Material Information System (U.S.A.)  Health 1 Flammability 4			
		Physical Hazard 3  Health 1 0 Instability/Reactivity  The date of preparation of the SDS or the last change to it: 17 February 2021			

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