

Safety Data Sheet

Air, compressed

United States Cylinder Gas
11618 S Mayfield Ave, Alsip, Illinois, 60803
Emergency Phone: CHEMTREC 1-800-424-9300
www.uscylgas.com

Section 1: Product and Company Identification

United States Cylinder Gas
11618 S Mayfield Ave, Alsip, Illinois, 60803
(708) 389-1402
Emergency Phone: CHEMTREC 1-800-424-9300
www.uscylgas.com

Product Code: **Air**

Part Number: AIRBH, AIRBT, AIRMUSP AIRU0TG, AIRDGBREATHING

Synonyms: Breathing Air, Medical Air, Ultra Zero Air, Zero Air, Air Dry, Air, Extra Dry, Air-Diving Grade

Recommended Use: Industrial use. Medical applications. Diving Gas (Underwater Breathing). Use as directed.

Usage Restrictions:

Section 2: Hazards Identification



Hazard Classification:
Hazard Statements:
Precautionary Statements

Gases Under Pressure, H280
H280: Contains gas under pressure; may explode if heated

P202: Do not handle until all safety precautions have been read and understood.
P271+P403: Use and store only outdoors or in a well-ventilated place.
CGA-PG02: Protect from sunlight when ambient temperature exceeds 52C (125F).
CGA-PG05: Use a back flow preventive device in the piping.
CGA-PG06: Close valve after each use and when empty.
CGA-PG10+CGA-PG20: Use only with equipment of compatible materials of construction and rated for cylinder pressure.
CGA-PG12: Do not open valve until connected to equipment prepared for use.
CGA-PG27: Read and follow the Safety Data Sheet (SDS) before use.

Section 3: Composition/Information on Ingredients

	CAS #	Concentration
Air	132259-10-0	100%

Trade Names	
Air	Hoe 166 115043-27-1 Hoe-166 R-(+)-3,4-Dihydro-2-isopropyl-4-methyl-2-(2-(4-(4-(2(3,4,5-trimethoxyphenyl)ethyl)piperazinyl)butoxy)phenyl)-2H-1,4-benzothiazin-3-on-dihydrochloride (2R)-4-methyl-2-propan-2-yl-2-[2-[4-[2-(3,4,5-trimethoxyphenyl)ethyl]piper

Section 4: First Aid Measures

IF ON SKIN: wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media:

Use suitable extinguishing material for surrounding fire.

Protection of Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Products of Combustion	
Air	Not Available

Section 6: Accidental Release Measures

Personal Precautions:

Keep unnecessary people away, isolate hazard area and deny entry. Ventilate closed spaces before entering.

Environmental Precautions:

Keep away from drains, surface and ground water. Avoid heat, flames, sparks and other sources of ignition.

Methods for Containment and Cleanup:

Stop leak if possible without personal risk. Reduce vapors with water spray. Remove sources of ignition. If necessary, cover drains. Absorb large spills, dispose in appropriate containers.

Section 7: Handling and Storage

Handling:

See precautions in Section 2. Only trained personnel should handle this product. Always use approved personal protective equipment.

Storage:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store and handle in accordance with all current regulations and standards. Store in a well-ventilated area. Keep separated from incompatible substances.

Incompatibilities		Conditions to avoid
Air	Not Available	Not Available

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines	Threshold Limit Value -TLV (ppm)
Air	Not Available

Engineering Controls

No specific controls are needed.

Eye Protection	Wear splash resistant safety goggles.
Skin Protection	Wear chemical protective clothing, including gloves.
Respiratory Protection	Use self-contained breathing apparatus.

General Hygiene considerations

- Avoid breathing vapor or mist
- Avoid contact with eyes and skin
- Wash thoroughly after handling and before eating or drinking

Section 9: Physical and Chemical Properties

	Physical State / Physical Form	Appearance / Color	Odor	Flash Point	Flammability	Partition Coefficient
Air	Gas	Colorless	Odorless	Not Available	False	0

	Autoignition Temperature	Upper Explosive Limits	Lower Explosive Limits	Boiling Point	Freezing Point	Vapor Pressure
Air	Not Available	Not Available	Not Available	Approx. -300 °F	Not Available	Not Available

	Vapor Density	Specific Gravity	Water Solubility	pH	Evaporation Rate	Viscosity
Air	Not Available	Not Available	Not Available	0	Not Available	Not Available

	Molecular Weight	Molecular Formula	Density	Volatility	Solvent Solubility
Air	28.85064	Not Available	Not Available	Not Available	Not available

Section 10: Stability and Reactivity

	Stability	Conditions to Avoid	Incompatible Materials
Air	Stable at normal conditions	Not Available	Not Available

	Hazardous Decomposition Products	Possibility of Hazardous Reactions
Air	Not Available	Not Available

Section 11: Toxicology Information

The toxicology information is calculated for the mixture.

Acute Toxicity Estimates (ATE) of the mixture.

Oral ATE (mg/kg)	Not Available
Inhalation ATE (ppm)	Not Available
Dermal ATE (mg/kg)	Not Available

Additional health hazards:

Skin Corrosion/Irritation	Not Available
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Eye Damage/Irritation	Not Available
Respiratory or Skin Sensitization	Not Available
Germ Cell Mutagenicity	Not Available
Carcinogenicity	Not Available
Reproductive Toxicity	Not Available
STOT – single exposure	Not Available
STOT – repeated exposure	Not Available
Aspiration Hazard	Not Available

Section 12: Ecological Information

Fate and Transport

	Eco toxicity	Persistence / Degradability	Bioaccumulation / Accumulation	Mobility in Environment
Air	Fish toxicity: 0 Invertebrate toxicity: Algal toxicity: Phyto toxicity: Other toxicity:	Not available	Not available	Not available

Section 13: Disposal Considerations

Dispose in accordance with all applicable regulations. Do not dispose in sewers or waterways. Recycle if possible to do so. Return to manufacturer for disposal if needed.

Section 14: Transportation Information

U.S. DOT 49 CFR 172.101

	Proper Shipping Name	ID Number	Hazard Class or Division	Packing Group	Passenger Aircraft or Railcar Quantity Limitations	Cargo Aircraft Only Quantity Limitations	Additional Shipping Description
Air	Air, Compressed	UN1002	2.2	Not available	Not available	Not available	Not available

Canadian Transportation of Dangerous Goods

	Shipping Name	UN Number	Class	Packing Group / Risk Group
Air	Air, Compressed	UN1002	2.2	Not Available

Section 15: Regulatory Information

U.S. Regulations

	CERCLA Sections	SARA 355.30	SARA 355.40
Air	Not Regulated.	Not Regulated.	Not Regulated.

SARA 370.21

	Acute	Chronic	Fire	Reactive	Sudden Release
Air	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

SARA 372.65

Air	Not Regulated.
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OSHA Process Safety

Air	Not regulated
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State Regulations

	CA Proposition 65
Air	

Canadian Regulations

	WHMIS Classification
Air	Not regulated

National Inventory Status

	US Inventory (TSCA)	TSCA 12b Export Notification	Canada Inventory (DSL/NDSL)
Air	Not listed	Not listed.	Not listed.

Section 16: Other Information

	NFPA Rating
Air	Health = 1 Fire = 0 Reactivity = 0

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard