

## Section 1: Product and Company Identification

**Tech Air**  
50 Mill Plain Rd.  
Danbury, CT 06811  
203-792-1834 | <http://techair.com>  
Email: [Safety@techair.com](mailto:Safety@techair.com)

EMERGENCY PHONE: P.E.R.S #800-633-8253

International: 1-801-629-0667

Product Code: Air

## Section 2: Hazards Identification



**Warning**

**Hazard Classification:**

Gases Under Pressure

**Hazard Statements:**

Contains gas under pressure; may explode if heated

**Precautionary Statements**

**Storage:**

Protect from sunlight.  
Store in well-ventilated place.

## Section 3: Composition/Information on Ingredients

|                |
|----------------|
| <b>CAS #</b>   |
| Not applicable |

| Chemical Substance | Chemical Family | Trade Names  |
|--------------------|-----------------|--|
| AIR, COMPRESSED    | Inorganic gases | AIR; UN 1002 Nitrogen CAS: 7727-37-9 Oxygen CAS: 7782-44-7 |

## Section 4: First Aid Measures

| Skin Contact                           | Eye Contact                      | Ingestion  | Inhalation  | Note to Physicians |
|--|----------------------------------|--|---|--------------------|
| Wash exposed skin with soap and water. | Flush eyes with plenty of water. | If a large amount is swallowed, get medical attention. | If adverse effects occur, remove to uncontaminated area. Get medical attention. |                    |

## Section 5: Fire Fighting Measures

| Suitable Extinguishing Media                               | Products of Combustion | Protection of Firefighters  |
|--|------------------------|---|
| Use extinguishing agents appropriate for surrounding fire. |                        | <ul style="list-style-type: none"> <li>No respirator is required under normal conditions of use.</li> </ul> |

## Section 6: Accidental Release Measures

| Personal Precautions | Environmental Precautions | Methods for Containment                      |
|----------------------|---------------------------|--|
|                      |                           | Stop leak if possible without personal risk. |

| Methods for Cleanup | Other Information |
|---------------------|-------------------|
|                     |                   |

## Section 7: Handling and Storage

| Handling  | Storage |
|---|---------|
| Store and handle in accordance with all current regulations and standards. Subject to storage regulations: U.S. OSHA 29 CFR 1910.101. |         |

## Section 8: Exposure Controls/Personal Protection

| Exposure Guidelines   |
|---|
| AIR, COMPRESSED: No occupational exposure limits established. |

### Engineering Controls

No specific controls are needed.

| Eye Protection                                       | Skin Protection  | Respiratory Protection                                    |
|--|--|---|
| Eye protection not required under normal conditions. | Protective clothing is not required under normal conditions. | No respirator is required under normal conditions of use. |

### 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 | Appearance | Color     | Change in Appearance | Physical Form | Odor          | Taste |
|----------------|------------|-----------|----------------------|---------------|---------------|-------|
| Gas            | Clear      | Colorless |                      | Gas           | Not available |       |

| Flash Point | Flammability | Partition Coefficient | Autoignition Temperature | Upper Explosive Limits | Lower Explosive Limits |
|-------------|--------------|-----------------------|--------------------------|------------------------|------------------------|
|-------------|--------------|-----------------------|--------------------------|------------------------|------------------------|

| Boiling Point   | Freezing Point | Vapor Pressure    | Vapor Density | Specific Gravity | Water Solubility | pH             | Odor Threshold | Evaporation Rate | Viscosity            |
|-----------------|----------------|-------------------|---------------|------------------|------------------|----------------|----------------|------------------|----------------------|
| -317 F (-194 C) | Not available  | 760 mmHg @ -194 C | 1             | Not applicable   | Slightly soluble | Not applicable | Not available  | Not applicable   | 0.01853 cP @ 26.85 C |

| Molecular Weight | Molecular Formula | Density        | Weight per Gallon | Volatility by Volume | Volatility     | Solvent Solubility |
|------------------|-------------------|----------------|-------------------|----------------------|----------------|--------------------|
|                  |                   | 1.29 g/L @ 0 C |                   |                      | Not applicable | Slightly Soluble   |

## Section 10: Stability and Reactivity

| Stability                                   | Conditions to Avoid                         | Incompatible Materials |
|---|---|------------------------|
| Stable at normal temperatures and pressure. | Stable at normal temperatures and pressure. | None known             |

| Hazardous Decomposition Products | Possibility of Hazardous Reactions |
|----------------------------------|------------------------------------|
| No hazard expected.              | Will not polymerize.               |

## Section 11: Toxicology Information

### Acute Effects

| Oral LD50     | Dermal LD50   | Inhalation |
|---------------|---------------|------------|
| Not available | Not available |            |

| Eye Irritation              | Skin Irritation             | Sensitization                           |
|-----------------------------|-----------------------------|---|
| No information is available | No information is available | No significant target effects reported. |

### Chronic Effects

| Carcinogenicity | Mutagenicity  | Reproductive Effects | Developmental Effects |
|-----------------|---------------|----------------------|-----------------------|
| Not available   | Not available | No data              | No data               |

## Section 12: Ecological Information

### Fate and Transport

| Eco toxicity                 | Persistence / Degradability | Bioaccumulation / Accumulation | Mobility in Environment |
|------------------------------|-----------------------------|--------------------------------|-------------------------|
| Fish toxicity: Not available | Not available               | Not available                  | Not available           |

## Section 13: Disposal Considerations

Dispose in accordance with all applicable regulations.

## Section 14: Transportation Information

U.S. DOT 49 CFR 172.101

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

### Canadian Transportation of Dangerous Goods

| Shipping Name   | UN Number | Class | Packing Group / Risk Group |
|-----------------|-----------|-------|----------------------------|
| Air, compressed | UN1002    | 2.2   | Not available              |

## Section 15: Regulatory Information

### U.S. Regulations

| CERCLA Sections | SARA 355.30    | SARA 355.40    |
|-----------------|----------------|----------------|
| Not regulated.  | Not regulated. | Not regulated. |

### SARA 370.21

| Acute | Chronic | Fire | Reactive | Sudden Release |
|-------|---------|------|----------|----------------|
| No    | No      | No   | No       | Yes            |

### SARA 372.65

Not regulated.

### OSHA Process Safety

Not regulated.

### State Regulations

| CA Proposition 65 |
|-------------------|
| Not regulated.    |

### Canadian Regulations

| WHMIS Classification |
|----------------------|
| A                    |

### National Inventory Status

| US Inventory (TSCA)      | TSCA 12b Export Notification | Canada Inventory (DSL/NDSL) |
|--------------------------|------------------------------|-----------------------------|
| Not listed on inventory. | Not listed.                  | Not determined.             |

## Section 16: Other Information

| NFPA Rating                  |
|------------------------------|
| HEALTH=0 FIRE=0 REACTIVITY=0 |

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