

### Section 1: Product and Company Identification

**Absolute Accuracy**  
4591 S Wayside Dr  
Houston, TX 77087  
(832) 571-2387

Product Code: 302  
Part Number: 302

### Section 2: Hazards Identification



**Danger**

**Hazard Classification:**

Gases Under Pressure  
Oxidizing Gas (Category 1)

**Hazard Statements:**

Contains gas under pressure; may explode if heated  
May cause or intensify fire; oxidizer

**Precautionary Statements**

**Prevention:**

Keep reduction valves/valves and fittings free from oil and grease.  
Keep and store away from clothing and combustible materials.

**Response:**

In case of fire: Stop leak if safe to do so.

**Storage:**

Protect from sunlight.  
Store in well-ventilated place.

## Section 3: Composition/Information on Ingredients

CAS #

7782-44-7

Chemical Substance

OXYGEN, COMPRESSED GAS

## Section 4: First Aid Measures

Skin Contact

None expected

## Section 5: Fire Fighting Measures

Suitable Extinguishing Media

Non-flammable. Use extinguishing agent appropriate for the material which is burning. Use water in large quantities for fires involving oxygen.

## Section 6: Accidental Release Measures

Personal Precautions

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

Methods for Cleanup

Stop leak and ventilate

## Section 7: Handling and Storage

Handling

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

OXYGEN, COMPRESSED GAS: No occupational exposure limits established.

Engineering Controls

Handle only in fully enclosed systems.

Eye Protection

Eye protection not required, but recommended.

## 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

<b>Physical State</b>	<b>Appearance</b>
Gas	Clear

<b>Flash Point</b>	<b>Flammability</b>
Not flammable	Not available

Boiling Point	Freezing Point	Vapor Pressure	Vapor Density	Specific Gravity	Water Solubility	pH	Odor Threshold	Evaporation Rate	Viscosity
-297 F (-183 C)	-360 F (-218 C)	760 mmHg @ -183 C	1.1 (Air=1)	Not applicable	3.2% @ 25 C	Not applicable	Not available	Not applicable	0.02075 cP @ 25 C

<b>Molecular Weight</b>	<b>Molecular Formula</b>
31.9988	O2

## Section 10: Stability and Reactivity

<b>Stability</b>
Stable at normal temperatures and pressure.

<b>Hazardous Decomposition Products</b>
Miscellaneous decomposition products

## Section 11: Toxicology Information

### Acute Effects

<b>Oral LD50</b>
Not established

<b>Eye Irritation</b>
No information on significant adverse effects

### Chronic Effects

<b>Carcinogenicity</b>
Not known.

## Section 12: Ecological Information

### Fate and Transport

<b>Eco toxicity</b>
Fish toxicity: Not available
Invertebrate toxicity: Not available
Algal toxicity: Not available
Phyto toxicity: Not available
Other toxicity: Not available

## Section 13: Disposal Considerations

Dispose in accordance with all applicable regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): D001.

## Section 14: Transportation Information

U.S. DOT 49 CFR 172.101

Proper Shipping Name	ID Number
Oxygen, compressed	UN1072

### Canadian Transportation of Dangerous Goods

Shipping Name
Oxygen, compressed

## Section 15: Regulatory Information

### U.S. Regulations

#### CERCLA Sections

Not regulated.

#### SARA 370.21

Acute

No

#### SARA 372.65

Not regulated.

#### OSHA Process Safety

Not regulated.

### State Regulations

#### CA Proposition 65

Not regulated.

### Canadian Regulations

#### WHMIS Classification

A,C

### National Inventory Status

#### US Inventory (TSCA)

Listed on inventory.

## Section 16: Other Information

### NFPA Rating

HEALTH=0 FIRE=0 REACTIVITY=0 SPECIAL=OX

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