

SAFETY DATA SHEET

ISSUING DATE : 20/07/2020

1. IDENTIFICATION

Product identifier

Product Name BREZZO2 pureoxy

Recommended use of the chemical and restriction on use

Recommended use Recreational use of oxygen

Restriction use No information available

Details of the supplier of the safety data sheet

Supplier Identification BREZZA ENTERPRISES

Address Ravi Patil Ground, Manu Smruti bldg.,
Tukaram Nagar, Near Relax HP gas agency,
Dombivli East, 421201, Maharashtra, India

contact 9321442056/7977526669

E-mail brezzo2pureoxy@gmail.com

Company emergency phone number 740010669

2. HAZARDS IDENTIFICATION

Classification

| | |
|----------------------|----------------|
| Oxidizing gases | Category 1 |
| Gases under pressure | Compressed Gas |

Appearance colourless

Physical state Compressed Gas

Odour Odourless

GHS Label elements, including precautionary statements

Signal word: Danger

Pictograms:



2.2

5.1

Hazard statements

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

Precautionary Statements – Prevention

- Keep/Store away from clothing/ combustible materials

Precautionary Statements - Response

Fire

- In case of fire: Remove product if safe to do so.

Precautionary Statements – Storage

- Store in a well-ventilated place

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

| com | | | | | |
|---|--------------------------------------|------------|----------|--|---------|
| Chemical Name | Identifiers | % | LD50/LC5 | Classifications According to Regulation/Directive | Comment |
| Oxygen | CAS:7782-44-7 EC Number:231-956-9 | > 95.0% | NDA | EU DSD/DPD: Annex I - O; R8 EU CLP: Annex VI - Ox. Gas 1 H270; Press. Gas - Comp., H280 OSHA HCS 2012: Ox. Gas 1; Press Gas. - Comp. | NDA |
| Maximum Impurities | | < 0.5% | NDA | WHMIS: EU DSD/DPD : EU | NDA |
| Ambient Air (78% Nitrogen, 21% Oxygen, <1% argon, <1% Carbon Dioxide, <1% other gases) | | < 5.0% | NDA | None | NDA |

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measure

| | |
|---------------------|---|
| Inhalation | First aid is not expected to be necessary if material is used under normal conditions and as recommended. |
| Eye contact | First aid is not expected to be necessary if material is used under normal conditions and as recommended. |
| Skin contact | First aid is not expected to be necessary if material is used under normal conditions and as recommended. |
| Ingestion | First aid is not expected to be necessary if material is used under normal conditions and as recommended. |

Indication of any immediate medical attention and special treatment needed

Note to physicians All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5. FIRE-FIGHTING MEASURES

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|---|---|
| Suitable Extinguishing Media | Use extinguishing agent suitable for type of surrounding fire. SMALL FIRES: Dry chemical or CO2. LARGE FIRES: Water spray or fog. |
| Unsuitable extinguishing media | DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED. |
| Specific hazards arising from the chemical | Containers may explode when heated. |
| Hazardous Combustion Products | No data available |
| Special protective equipment for fire-fighters | Structural firefighters' protective clothing provides limited protection in fire situations. Move cans from fire area if you can do it without risk. |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Do not use, or store, above 58°C

7. HANDLING AND STORAGE

Advice on safe handling Contents under pressure. Do not cut, weld, puncture or incinerate containers.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry, well -ventilated place. Protect cans against physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits/ Guidelines Currently there are no applicable exposure limits established for this material.

Appropriate engineering controls

Engineering controls Good general ventilation should be used.

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------------|--|
| Eye/face protection | No special protective equipment required. |
| Skin and body protection | No special protective equipment required. |
| Respiratory protection | No special protective equipment required. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. |

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| 9. PHYSICAL AND CHEMICAL PROPERTIES |
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| Material Description | | | |
|-----------------------------|--------------------------------|-------------------------|-------------------------------------|
| Physical Form | Gas | Appearance/ Description | Colourless, odourless gas |
| Colour | Colourless | Odour | Odourless |
| Odour Threshold | Data Lacking | | |
| General Properties | | | |
| Boiling Point | -183 C (-297.4 F) | Melting Point | -218.8 C (-361.84 F) |
| Decomposition Temperature | Data Lacking | pH | Data lacking |
| Specific Gravity/ Relative | 1.105 Water= 1 @ 21.1 C | Density | 1.326 kg/m ³ @32 F (0 C) |
| Density | (69.98 F) | | |
| Water Solubility | 0.0491 % @ 0 C (32 F) | Viscosity | Not Relevant |
| Explosive Properties | Data Lacking | Oxidizing Properties | Oxidizing gas |
| Volatility | | | |
| Vapor Pressure | 2L-260 psig, 5L/ 10L- 215 psig | Vapor Density | 1.105 Air= 1 |
| Evaporation Rate | Not Relevant | | |
| Flammability | | | |
| Flash Point | Not Relevant | UEL | Not Relevant |
| LEL | Not Relevant | Autoignition | Not Relevant |
| Flammable (Solid, gas) | Not Flammable | | |
| Environmental | | | |
| Octano/ Water Partition | Not Relevant | | |
| coefficient | | | |

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| 10. STABILITY AND REACTIVITY |
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| Reactivity | No additional physical and chemical parameters noted. |
| Chemical stability | Stable under normal conditions and pressures. |
| Possibility of Hazardous Reactions | Hazardous polymerization will not occur. |
| Conditions to avoid | Excessive heat. |
| Incompatible materials | None known based on information supplied. |
| Hazardous Decomposition Products | Carbon oxides. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Inhalation | Under normal conditions of use, no health effects are expected. |
| Eye contact | Under normal conditions of use, no health effects are expected. |
| Skin contact | Under normal conditions of use, no health effects are expected. |
| Ingestion | Under normal conditions of use, no health effects are expected. |

Information on toxicological effects.

Symptoms Under normal conditions of use, no health effects are expected.

Numerical measures of toxicity

Acute Toxicity Under normal conditions of use, no health effects are expected.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|---|
| Skin corrosion/irritation | Under normal conditions of use, no health effects are expected. |
| Serious eye damage/eye irritation | Under normal conditions of use, no health effects are expected. |
| Respiratory or skin sensitization | Under normal conditions of use, no health effects are expected. |
| Germ cell mutagenicity | Under normal conditions of use, no health effects are expected. |
| Carcinogenicity | Under normal conditions of use, no health effects are expected. |
| Reproductive toxicity | Under normal conditions of use, no health effects are expected. |
| STOT - single exposure | Under normal conditions of use, no health effects are expected. |
| STOT - repeated exposure | Under normal conditions of use, no health effects are expected. |
| Aspiration hazard | Under normal conditions of use, no health effects are expected. |

12. ECOLOGICAL INFORMATION

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|--------------------------------------|--|
| Toxicity | Oxygen occurs naturally in the atmosphere. The gas will be dissipated in rapidly In well ventilated areas. |
| Ecotoxicity | The environmental impact of this product has not been fully investigated. |
| Persistence and degradability | No information available. Bioaccumulation potential No information available. |
| Mobility | No information available. |
| Other adverse effects | No information available. |

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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|--|---|
| Waste from residues/unused products | Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. |
| Contaminated packaging | Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. |

14. TRANSPORT INFORMATION

DOT

| | |
|--|---|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S. |
| Hazard Class | 2.2 |
| Subsidiary class | 5.1 |
| Packaging Group | SP-10704 |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S. (OXYGEN AIR), 2.2 (5.1), SP-10704 |
| Emergency Response Guide number | 122 |

TDG

| | |
|-----------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S. |
| Hazard Class | 2.2 |
| Packaging Group | SP-10704 |
| Subsidiary class | 5.1 |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |

MEX

| | |
|-----------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S.) |
| Hazard Class | 2.2 |
| Subsidiary class | 5.1 |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |

ICAO

| | |
|-----------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S.) |
| Hazard Class | 2.2 |
| Subsidiary class | 5.1 |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |

IATA

| | |
|-----------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S. |
| Hazard Class | 2.2 |
| Subsidiary class | 5.1 |
| ERG Code | 2X |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |

IMDG/IMO

| | |
|-----------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S. |
| Hazard Class | 2.2 |
| Subsidiary class | 5.1 |
| EmS-No. | F-C, S-W |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |

RID

| | |
|-----------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S. |
| Hazard Class | 2.2 |
| Classification code | 10 |
| ADR/RID-Labels | 5.1 |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |

ADR

| | |
|--------------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S. |
| Hazard Class | 2.2 |
| Classification code | 10 |
| Tunnel restriction code | (E) |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |
| ADR/RID-Labels | 5.1 |

ADN

| | |
|-----------------------------|--|
| UN-No. | UN3156 |
| Proper Shipping Name | COMPRESSED GAS, OXIDIZING, N.O.S. |
| Hazard Class | 2.2 |
| Classification code | 10 |
| Special Provisions | 274, 655, 662 |
| Description | COMPRESSED GAS, OXIDIZING, N.O.S.(OXYGEN AIR), 2.2 (5.1), SP-10704 |
| Hazard Labels | 2.2 + 5.1 |
| Limited Quantity | LTD-QTY |

Special precautions for user Cans should be transported in strong outside packaging.

Special precautions for user Ensure cans are not exposed to temperatures greater than 58°C (as may occur on an enclosed vehicle on a hot day).

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| 14. TRANSPORT INFORMATION |
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Safety, health and environmental regulations/legislation specific for the substance or mixture**International Regulations**

Ozone-depleting substances (ODS). Not applicable

Persistent Organic Pollutants. Not applicable

Export Notification requirements. Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status.
DSL/NDSL Contact supplier for inventory compliance status.
EINECS/ELINCS Contact supplier for inventory compliance status.
ENCS Contact supplier for inventory compliance status.
KECL Contact supplier for inventory compliance status.
PICCS Contact supplier for inventory compliance status.
AICS Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| | |
|------------------------------|------------|
| Acute Health Hazard | NO |
| Cronic Health Hazard | NO |
| Fire Hazard | YES |
| Sudden release of Gas | NO |
| Reactive Hazard | NO |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

16. OTHER INFORMATION

| | | | | | | | | |
|-------------|----------------|---|--------------|---|------------------|---|----------------------------------|----|
| <u>NFPA</u> | Health hazard | 1 | Flammability | 0 | Instability | 1 | Physical and Chemical Properties | OX |
| <u>HMS</u> | Health hazards | 1 | Flammability | 0 | Physical hazards | 0 | Personal Protection | X |

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Revision Note No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet