

### 1. IDENTIFICATION

|                            |   |
|----------------------------|---|
| <b>Product Name</b>        | <b>Sodium bisulphate</b>  |
| <b>Other Names</b>         | Sodium bisulfate; Sodium hydrogen sulfate   |
| <b>Uses</b>                | Chemical raw material for industrial purposes<br>Industrial processing with a.o. use in detergents or as a pH regulator |
| <b>Chemical Family</b>     | No Data Available   |
| <b>Chemical Formula</b>    | No Data Available   |
| <b>Chemical Name</b>       | Sodium bisulphate   |
| <b>Product Description</b> | No Data Available   |

#### Contact Details of the Supplier of this Safety Data Sheet

| Organisation            | Location   | Telephone       |
|-------------------------|--|-----------------|
| Redox Pty Ltd           | 2 Swettenham Road<br>Minto NSW 2566<br>Australia   | +61-2-97333000  |
| Redox Pty Ltd           | 11 Mayo Road<br>Wiri Auckland 2104<br>New Zealand  | +64-9-2506222   |
| Redox Inc.              | 3960 Paramount Boulevard<br>Suite 107<br>Lakewood CA 90712<br>USA  | +1-424-675-3200 |
| Redox Chemicals Sdn Bhd | Level 2, No. 8, Jalan Sapir 33/7<br>Seksyen 33, Shah Alam Premier Industrial Park<br>40400 Shah Alam<br>Sengalor, Malaysia | +60-3-5614-2111 |

#### Emergency Contact Details


*For emergencies only; DO NOT contact these companies for general product advice.*

| Organisation               | Location     | Telephone                                  |
|----------------------------|--------------|--|
| Poisons Information Centre | Westmead NSW | 1800-251525<br>131126                      |
| Chemcall                   | Australia    | 1800-127406<br>+64-4-9179888               |
| Chemcall                   | Malaysia     | +64-4-9179888                              |
| Chemcall                   | New Zealand  | 0800-243622<br>+64-4-9179888               |
| National Poisons Centre    | New Zealand  | 0800-764766                                |
| CHEMTREC                   | USA & Canada | 1-800-424-9300 CN723420<br>+1-703-527-3887 |

### 2. HAZARD IDENTIFICATION

**Poisons Schedule (Aust)** 5

#### Globally Harmonised System

|                                 |  |                            |  |
|---------------------------------|--|----------------------------|--|
| <b>Hazard Classification</b>    | Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) |                            |  |
| <b>Hazard Categories</b>        | Serious Eye Damage/Irritation - Category 1   |                            |  |
| <b>Pictograms</b>               |   |                            |  |
| <b>Signal Word</b>              | Danger   |                            |  |
| <b>Hazard Statements</b>        | <b>H318</b>  | Causes serious eye damage. |  |
| <b>Precautionary Statements</b> | Prevention   | <b>P280</b>                | Wear eye protection/face protection.   |
|                                 | Response   | <b>P305 + P351 + P338</b>  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|                                 |  | <b>P310</b>                | Immediately call a POISON CENTER or doctor/physician.  |

### National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

**Dangerous Goods Classification** NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

### Environmental Protection Authority (New Zealand)

Hazardous Substances and New Organisms Amendment Act 2015

**HSNO Classifications** Health Hazards **8.3A** Substances that are corrosive to ocular tissue

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients

| Chemical Entity   | Formula           | CAS Number | Proportion |
|-------------------|-------------------|------------|------------|
| Sodium bisulphate | No Data Available | 7681-38-1  | 93 - 100 % |

## 4. FIRST AID MEASURES

### Description of necessary measures according to routes of exposure

|  |  |
|--|--|
| <b>Swallowed</b>                                 | If swallowed, Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.   |
| <b>Eye</b>                                       | Rinse immediately and thoroughly with plenty of water for at least 15 minutes and consult a physician. Call a physician immediately.       |
| <b>Skin</b>                                      | Take off all contaminated clothing immediately. Wash off skin and hair with soap and water. If skin irritation persists, call a physician. |
| <b>Inhaled</b>                                   | Move to fresh air. Call a physician immediately.   |
| <b>Advice to Doctor</b>                          | Treat symptomatically. Show this safety data sheet to the doctor in attendance.  |
| <b>Medical Conditions Aggravated by Exposure</b> | No information available.  |

## 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>General Measures</b>                   | Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  |
| <b>Flammability Conditions</b>            | Non flammable.   |
| <b>Extinguishing Media</b>                | Suitable: Use dry chemical, CO <sub>2</sub> , water spray or alcohol resistant foam.<br>Unsuitable: High volume water jet.   |
| <b>Fire and Explosion Hazard</b>          | The pressure in sealed containers can increase under the influence of heat. Vapours may form explosive mixture with air. Vapours are heavier than air and may spread along floors. |
| <b>Hazardous Products of Combustion</b>   | Burning produces noxious and toxic fumes: SO <sub>x</sub> , NaO <sub>x</sub> .   |
| <b>Special Fire Fighting Instructions</b> | In the event of fire, cool tanks with water spray.   |
| <b>Personal Protective Equipment</b>      | Wear self-contained breathing apparatus.   |
| <b>Flash Point</b>                        | No Data Available  |
| <b>Lower Explosion Limit</b>              | No Data Available  |
| <b>Upper Explosion Limit</b>              | No Data Available  |
| <b>Auto Ignition Temperature</b>          | No Data Available  |
| <b>Hazchem Code</b>                       | No Data Available  |

## 6. ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| <b>General Response Procedure</b>           | Ensure adequate ventilation. Do not breathe vapours or spray mist. Avoid contact with skin and eyes.  |
| <b>Clean Up Procedures</b>                  | Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.   |
| <b>Containment</b>                          | Prevent further leakage or spillage if safe to do so.   |
| <b>Decontamination</b>                      | No information available.   |
| <b>Environmental Precautionary Measures</b> | Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.   |
| <b>Evacuation Criteria</b>                  | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Only qualified personnel equipped with suitable protective equipment may intervene. |
| <b>Personal Precautionary Measures</b>      | Wear personal protective equipment. See also section 8.   |

## 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling</b>  | Use only in area provided with appropriate exhaust ventilation. Ensure that eye flushing systems and safety showers are located close to the working place. Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice. |
| <b>Storage</b>   | Store in dry, cool, well-ventilated area. Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep away from open flames, hot surfaces and sources of ignition.  |
| <b>Container</b> | Keep in original container as approved by the manufacturer.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                        |   |
|------------------------|---|
| <b>General</b>         | No exposure information available for this specific product.<br>Safe Work Australia Exposure Standard for Rogue dust (inspirable dust):<br>TWA = 10 mg/m <sup>3</sup> |
| <b>Exposure Limits</b> | No Data Available   |

|                                      |   |
|--------------------------------------|---|
| <b>Biological Limits</b>             | Environmental compartment: PNEC value<br>aqua (freshwater): 11.09 mg/l<br>aqua (marine water): 1.11 mg/l<br>aqua (intermittent, freshwater): 17.66 mg/l<br>sediment (marine water): 4.02 mg/kg dwt<br>soil: 1.54 mg/kg dwt<br>sewage treatment plant: 800 mg/l  |
| <b>Engineering Measures</b>          | Ensure adequate ventilation. A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.   |
| <b>Personal Protection Equipment</b> | The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.<br>EYE PROTECTION: Tightly fitting safety goggles.<br>HAND PROTECTION: Rubber gloves; PVC.<br>SKIN/BODY PROTECTION: Chemical-resistant overalls.<br>RESPIRATORY PROTECTION: In case of insufficient ventilation wear suitable respiratory equipment. Respirator with a full face mask. Recommended Filter type: ABEK/P2. Wear self-contained breathing apparatus when entering area unless atmosphere is proven to be safe. |
| <b>Special Hazards Precautions</b>   | Do not flush into surface water or sanitary sewer system. Comply with applicable Community environmental protection legislation.  |
| <b>Work Hygienic Practices</b>       | When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs. Wash contaminated clothing before re-use. Keep working clothes separately.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                       |                     |
|---------------------------------------|---------------------|
| <b>Physical State</b>                 | Solid               |
| <b>Appearance</b>                     | Crystals / granular |
| <b>Odour</b>                          | None                |
| <b>Colour</b>                         | White, light yellow |
| <b>pH</b>                             | 1.3                 |
| <b>Vapour Pressure</b>                | No Data Available   |
| <b>Relative Vapour Density</b>        | No Data Available   |
| <b>Boiling Point</b>                  | No Data Available   |
| <b>Melting Point</b>                  | 315 °C              |
| <b>Freezing Point</b>                 | No Data Available   |
| <b>Solubility</b>                     | ca. 1080 g/L 25°C   |
| <b>Specific Gravity</b>               | 1.4 kg/L - 1.5 kg/L |
| <b>Flash Point</b>                    | No Data Available   |
| <b>Auto Ignition Temp</b>             | No Data Available   |
| <b>Evaporation Rate</b>               | No Data Available   |
| <b>Bulk Density</b>                   | No Data Available   |
| <b>Corrosion Rate</b>                 | No Data Available   |
| <b>Decomposition Temperature</b>      | 460 °C              |
| <b>Density</b>                        | No Data Available   |
| <b>Specific Heat</b>                  | No Data Available   |
| <b>Molecular Weight</b>               | No Data Available   |
| <b>Net Propellant Weight</b>          | No Data Available   |
| <b>Octanol Water Coefficient</b>      | -2.2 (KOWWIN)       |
| <b>Particle Size</b>                  | No Data Available   |
| <b>Partition Coefficient</b>          | No Data Available   |
| <b>Saturated Vapour Concentration</b> | No Data Available   |
| <b>Vapour Temperature</b>             | No Data Available   |
| <b>Viscosity</b>                      | No Data Available   |
| <b>Volatile Percent</b>               | No Data Available   |

|   |   |
|---|---|
| <b>VOC Volume</b>   | No Data Available   |
| <b>Additional Characteristics</b>                                     | Watery solution: same properties as H <sub>2</sub> SO <sub>4</sub> . Fine granules, crystals or powder. Fine substance that can cause the irritation of the airways, with coughing and the contraction of the airways. In contact with water the product forms sulphuric acid that can cause burns. |
| <b>Potential for Dust Explosion</b>                                   | No information available.   |
| <b>Fast or Intensely Burning Characteristics</b>                      | No information available.   |
| <b>Flame Propagation or Burning Rate of Solid Materials</b>           | No information available.   |
| <b>Non-Flammables That Could Contribute Unusual Hazards to a Fire</b> | No information available.   |
| <b>Properties That May Initiate or Contribute to Fire Intensity</b>   | No information available.   |
| <b>Reactions That Release Gases or Vapours</b>                        | Acidic aqueous solution. Gives off hydrogen by reaction with metals.  |
| <b>Release of Invisible Flammable Vapours and Gases</b>               | Vapours may form explosive mixture with air.  |

## 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Chemical Stability</b>               | Hygroscopic.   |
| <b>Conditions to Avoid</b>              | Avoid dust formation. Avoid moisture, heat. Keep away from open flames, hot surfaces and sources of ignition.      |
| <b>Materials to Avoid</b>               | Avoid moisture absorption and contamination.   |
| <b>Hazardous Decomposition Products</b> | Gives off hydrogen by reaction with metals (acidic aqueous solution). Vapours may form explosive mixture with air. |
| <b>Hazardous Polymerisation</b>         | No information available.  |

## 11. TOXICOLOGICAL INFORMATION

|                            |   |
|----------------------------|---|
| <b>General Information</b> | Inhalation: May cause irritation of respiratory tract. Inhalation may provoke the following symptoms: Shortness of breath, cough, dry/sore throat.<br>Skin contact: May be irritating. Skin contact may provoke the following symptoms: Redness, pain, blisters.<br>Eye contact: Causes serious eye damage. Eye contact may provoke the following symptoms: Redness, pain.<br>Ingestion: Ingestion may cause irritation to mucous membranes. Ingestion may provoke the following symptoms: Abdominal pain, burning sensation. |
| <b>Acute</b>               |   |
| <b>Ingestion</b>           | Acute Oral Toxicity - Rat LD <sub>50</sub> : 2,140 mg/kg sulfuric acid  |
| <b>Inhalation</b>          | Acute Inhalation Toxicity - Rat (4 h) LC <sub>50</sub> >2,400 mg/m <sup>3</sup> Sodium sulphate   |
| <b>Skin Irritant</b>       | Not classified (Not classified due to data which are conclusive although insufficient for classification.)<br>pH: 1.3   |
| <b>Eye Irritant</b>        | Causes serious eye damage.<br>pH: 1.3   |
| <b>Carcinogen Category</b> | None  |

## 12. ECOLOGICAL INFORMATION

|                                  |  |
|----------------------------------|--|
| <b>Ecotoxicity</b>               | Component: Sodium hydrogensulphate (7681-38-1): Toxic to aquatic organisms.<br>LC <sub>50</sub> /96h/fish: 7960 mg/l<br>EC <sub>50</sub> /48h/daphnia: 1766 mg/l<br>LC <sub>50</sub> /72h/algae: 1900 mg/l |
| <b>Persistence/Degradability</b> | Hydrolysis in water.   |

|                                  |   |
|----------------------------------|---|
| <b>Mobility</b>                  | Highly mobile in soils.   |
| <b>Environmental Fate</b>        | Results of PBT and vPvB assessment: Not required (inorganic).           |
| <b>Bioaccumulation Potential</b> | Low potential.<br>Partition coefficient: n-octanol/water: -2,2 (KOWWIN) |
| <b>Environmental Impact</b>      | No Data Available   |

### 13. DISPOSAL CONSIDERATIONS

|  |  |
|--|--|
| <b>General Information</b>               | Dispose of contents/container in accordance with all local, state and federal regulations.                     |
| <b>Special Precautions for Land Fill</b> | Collect and dispose of waste product at an authorised disposal facility. Prevent product from entering drains. |

### 14. TRANSPORT INFORMATION

#### Land Transport (Australia)

ADG Code

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |
| <b>Subsidiary Risk(s)</b>   | No Data Available |
|                             | No Data Available |
| <b>UN Number</b>            | No Data Available |
| <b>Hazchem</b>              | No Data Available |
| <b>Pack Group</b>           | No Data Available |
| <b>Special Provision</b>    | No Data Available |

#### Land Transport (Fiji)

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |
| <b>Subsidiary Risk(s)</b>   | No Data Available |
|                             | No Data Available |
| <b>UN Number</b>            | No Data Available |
| <b>Hazchem</b>              | No Data Available |
| <b>Pack Group</b>           | No Data Available |
| <b>Special Provision</b>    | No Data Available |

#### Land Transport (Malaysia)

ADR

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |
| <b>Subsidiary Risk(s)</b>   | No Data Available |
|                             | No Data Available |
| <b>UN Number</b>            | No Data Available |
| <b>Hazchem</b>              | No Data Available |
| <b>Pack Group</b>           | No Data Available |
| <b>Special Provision</b>    | No Data Available |

## Land Transport (New Caledonia)

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |
| <b>Subsidiary Risk(s)</b>   | No Data Available |
|                             | No Data Available |
| <b>UN Number</b>            | No Data Available |
| <b>Hazchem</b>              | No Data Available |
| <b>Pack Group</b>           | No Data Available |
| <b>Special Provision</b>    | No Data Available |

## Land Transport (New Zealand)

NZS5433

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |
| <b>Subsidiary Risk(s)</b>   | No Data Available |
|                             | No Data Available |
| <b>UN Number</b>            | No Data Available |
| <b>Hazchem</b>              | No Data Available |
| <b>Pack Group</b>           | No Data Available |
| <b>Special Provision</b>    | No Data Available |

## Land Transport (United States of America)

US DOT

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |
| <b>Subsidiary Risk(s)</b>   | No Data Available |
|                             | No Data Available |
| <b>UN Number</b>            | No Data Available |
| <b>Hazchem</b>              | No Data Available |
| <b>Pack Group</b>           | No Data Available |
| <b>Special Provision</b>    | No Data Available |

## Sea Transport

IMDG Code

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |
| <b>Subsidiary Risk(s)</b>   | No Data Available |
| <b>UN Number</b>            | No Data Available |
| <b>Hazchem</b>              | No Data Available |
| <b>Pack Group</b>           | No Data Available |
| <b>Special Provision</b>    | No Data Available |
| <b>EMS</b>                  | No Data Available |
| <b>Marine Pollutant</b>     | No                |

## Air Transport

IATA DGR

|                             |                   |
|-----------------------------|-------------------|
| <b>Proper Shipping Name</b> | SODIUM BISULPHATE |
| <b>Class</b>                | No Data Available |

|                           |                   |
|---------------------------|-------------------|
| <b>Subsidiary Risk(s)</b> | No Data Available |
| <b>UN Number</b>          | No Data Available |
| <b>Hazchem</b>            | No Data Available |
| <b>Pack Group</b>         | No Data Available |
| <b>Special Provision</b>  | No Data Available |

### National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

|                                       |   |
|---------------------------------------|---|
| <b>Dangerous Goods Classification</b> | NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code) |
|---------------------------------------|---|

## 15. REGULATORY INFORMATION

|                                |                   |
|--------------------------------|-------------------|
| <b>General Information</b>     | No Data Available |
| <b>Poisons Schedule (Aust)</b> | 5                 |

### Environmental Protection Authority (New Zealand)

Hazardous Substances and New Organisms Amendment Act 2015

|                      |           |
|----------------------|-----------|
| <b>Approval Code</b> | HSR002503 |
|----------------------|-----------|

### National/Regional Inventories

|   |                  |
|---|------------------|
| <b>Australia (AICS)</b>                               | Listed           |
| <b>Canada (DSL)</b>                                   | Listed           |
| <b>Canada (NDSL)</b>                                  | Not Listed       |
| <b>China (IECSC)</b>                                  | Listed           |
| <b>Europe (EINECS)</b>                                | 231-665-7        |
| <b>Europe (REACH)</b>                                 | 01-2119552465-36 |
| <b>Japan (ENCS/METI)</b>                              | 1-501            |
| <b>Korea (KECI)</b>                                   | KE-31481         |
| <b>Malaysia (EHS Register)</b>                        | Listed           |
| <b>New Zealand (NZIoC)</b>                            | Listed           |
| <b>Philippines (PICCS)</b>                            | Listed           |
| <b>Switzerland (Giftliste 1)</b>                      | Not Determined   |
| <b>Switzerland (Inventory of Notified Substances)</b> | Not Determined   |
| <b>Taiwan (NCSR)</b>                                  | Listed           |
| <b>USA (TSCA)</b>                                     | Listed           |



## 16. OTHER INFORMATION

|                              |   |
|------------------------------|---|
| <b>Related Product Codes</b> | SOBISU1000, SOBISU1001, SOBISU1002, SOBISU1003, SOBISU1004, SOBISU1005, SOBISU1006, SOBISU1600, SOBISU1700, SOBISU1800, SOBISU1801, SOBISU1802, SOBISU1803, SOBISU1804, SOBISU1900, SOBISU1901, SOBISU2000, SOBISU2100, SOBISU2900, SOBISU3000, SOBISU4000, SOBISU5000, SOBISU5001, SOBISU9800, SOBISU0315, SOBISU2515, SOBISU0007, SOBISU1810, SOBISU5025, SOBISU5026  |
| <b>Revision</b>              | 3   |
| <b>Revision Date</b>         | 20 Jul 2015   |
| <b>Key/Legend</b>            | < Less Than<br>> Greater Than<br><b>AICS</b> Australian Inventory of Chemical Substances<br><b>atm</b> Atmosphere<br><b>CAS</b> Chemical Abstracts Service (Registry Number)<br><b>cm<sup>2</sup></b> Square Centimetres<br><b>CO<sub>2</sub></b> Carbon Dioxide<br><b>COD</b> Chemical Oxygen Demand<br><b>deg C (°C)</b> Degrees Celcius<br><b>EPA (New Zealand)</b> Environmental Protection Authority of New Zealand<br><b>deg F (°F)</b> Degrees Farenheit<br><b>g</b> Grams<br><b>g/cm<sup>3</sup></b> Grams per Cubic Centimetre<br><b>g/l</b> Grams per Litre<br><b>HSNO</b> Hazardous Substance and New Organism<br><b>IDLH</b> Immediately Dangerous to Life and Health<br><b>immiscible</b> Liquids are insoluable in each other.<br><b>inHg</b> Inch of Mercury<br><b>inH<sub>2</sub>O</b> Inch of Water<br><b>K</b> Kelvin<br><b>kg</b> Kilogram<br><b>kg/m<sup>3</sup></b> Kilograms per Cubic Metre<br><b>lb</b> Pound<br><b>LC<sub>50</sub></b> LC stands for lethal concentration. LC <sub>50</sub> is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.<br><b>LD<sub>50</sub></b> LD stands for Lethal Dose. LD <sub>50</sub> is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.<br><b>ltr</b> or <b>L</b> Litre<br><b>m<sup>3</sup></b> Cubic Metre<br><b>mbar</b> Millibar<br><b>mg</b> Milligram<br><b>mg/24H</b> Milligrams per 24 Hours<br><b>mg/kg</b> Milligrams per Kilogram<br><b>mg/m<sup>3</sup></b> Milligrams per Cubic Metre<br><b>Misc</b> or <b>Miscible</b> Liquids form one homogeneous liquid phase regardless of the amount of either component present.<br><b>mm</b> Millimetre<br><b>mmH<sub>2</sub>O</b> Millimetres of Water<br><b>mPa.s</b> Millipascals per Second<br><b>N/A</b> Not Applicable<br><b>NIOSH</b> National Institute for Occupational Safety and Health<br><b>NOHSC</b> National Occupational Health and Safety Commission<br><b>OECD</b> Organisation for Economic Co-operation and Development<br><b>Oz</b> Ounce<br><b>PEL</b> Permissible Exposure Limit<br><b>Pa</b> Pascal<br><b>ppb</b> Parts per Billion<br><b>ppm</b> Parts per Million<br><b>ppm/2h</b> Parts per Million per 2 Hours<br><b>ppm/6h</b> Parts per Million per 6 Hours<br><b>psi</b> Pounds per Square Inch<br><b>R</b> Rankine<br><b>RCP</b> Reciprocal Calculation Procedure<br><b>STEL</b> Short Term Exposure Limit<br><b>TLV</b> Threshold Limit Value<br><b>tne</b> Tonne<br><b>TWA</b> Time Weighted Average<br><b>ug/24H</b> Micrograms per 24 Hours<br><b>UN</b> United Nations<br><b>wt</b> Weight |

