



SAFETY DATA SHEET SODIUM MOLYBDATE DIHYDRATE REVISION 4, DATE 19 MAR 21

1. IDENTIFICATION

| | |
|----------------------------|---|
| Product Name | Sodium Molybdate Dihydrate |
| Other Names | Disodium molybdate [CAS#7631-95-0] |
| Uses | Water treatment; Automotive industry; Corrosion inhibitor; Metal productions; Micronutrient fertiliser. |
| Chemical Family | No Data Available |
| Chemical Formula | Na ₂ MoO ₄ .2H ₂ O |
| Chemical Name | Molybdate, disodium, dihydrate |
| Product Description | No Data Available |

Contact Details of the Supplier of this Safety Data Sheet

| Organisation | Location | Telephone |
|-------------------------|--|-----------------|
| Redox Ltd | 2 Swettenham Road Minto NSW 2566 Australia | +61-2-97333000 |
| Redox Ltd | 11 Mayo Road Wiri Auckland 2104 New Zealand | +64-9-2506222 |
| Redox Inc. | 3960 Paramount Boulevard Suite 107 Lakewood CA 90712 USA | +1-424-675-3200 |
| Redox Chemicals Sdn Bhd | Level 2, No. 8, Jalan Sapir 33/7 Seksyen 33, Shah Alam Premier Industrial Park 40400 Shah Alam 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 131126 |
| Chemcall | Australia | 1800-127406 +64-4-9179888 |
| Chemcall | Malaysia | +64-4-9179888 |
| Chemcall | New Zealand | 0800-243622 +64-4-9179888 |
| National Poisons Centre | New Zealand | 0800-764766 |
| CHEMTREC | USA & Canada | 1-800-424-9300 CN723420 +1-703-527-3887 |

2. HAZARD IDENTIFICATION

Poisons Schedule (Aust)

Not Scheduled



Globally Harmonised System

| | |
|------------------------------|--|
| Hazard Classification | NOT hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) |
| Signal Word | None |

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) |
|---------------------------------------|---|

Safe Work Australia

National Guide for Classifying Hazardous Chemicals under the Model WHS Regulations

| | |
|------------------------------|--|
| Hazard Classification | NOT hazardous according to the criteria of Safe Work Australia under Model WHS Regulations |
|------------------------------|--|

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

| Chemical Entity | Formula | CAS Number | Proportion |
|-----------------------------|---|------------|------------|
| Sodium molybdate, dihydrate | Na ₂ MoO ₄ ·2H ₂ O | 10102-40-6 | <=100 % |

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

| | |
|--|---|
| Swallowed | IF SWALLOWED: Rinse mouth, then drink plenty of water. Do not induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person. |
| Eye | IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention or consult an ophthalmologist immediately. |
| Skin | IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and shoes and wash before reuse. If skin irritation occurs, get medical advice/attention. |
| Inhaled | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult. |
| Advice to Doctor | Treat symptomatically and supportively. |
| Medical Conditions Aggravated by Exposure | Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance. |

5. FIRE FIGHTING MEASURES

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|-------------------------|--|
| General Measures | If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out. |
|-------------------------|--|

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|---|--|
| Flammability Conditions | Non-combustible; Material does not burn. |
| Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Fire and Explosion Hazard | Not considered to be a fire hazard. Not considered to be an explosion hazard. |
| Hazardous Products of Combustion | Toxic metal fumes may form when heated to decomposition. Under fire conditions hazardous decomposition products formed include Sodium oxides, Molybdenum oxides. |
| Special Fire Fighting Instructions | Contain runoff from fire control water - Runoff may pollute waterways. |
| Personal Protective Equipment | Wear self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection. |
| Flash Point | No Data Available |
| Lower Explosion Limit | No Data Available |
| Upper Explosion Limit | No Data Available |
| Auto Ignition Temperature | No Data Available |
| Hazchem Code | No Data Available |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| General Response Procedure | Ensure adequate ventilation. Do not touch or walk through spilled material. Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing. |
| Clean Up Procedures | Collect material and place in suitable clean, dry containers for reclamation or later disposal (see SECTION 13). Vacuum wet to avoid dust generation. |
| Containment | Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas. |
| Decontamination | No information available. |
| Environmental Precautionary Measures | Prevent entry into drains and waterways. |
| Evacuation Criteria | Spill or leak area should be isolated immediately. Keep unauthorised personnel away. |
| Personal Precautionary Measures | Use personal protective equipment as required (see SECTION 8). |

7. HANDLING AND STORAGE

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| Handling | Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). |
| Storage | Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Protect from physical damage. Protect from moisture. Keep away from excess heat. Keep away from food/feedstuffs, beverages and incompatible materials (see SECTION 10). |
| Container | Keep in the original container. Containers of this material may be hazardous when empty since they retain product residues; observe all warnings and precautions listed for the product. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--------------------------|---|
| General | No specific exposure standards are available for this product. - Safe Work Australia Exposure Standard for Molybdenum, insoluble compounds (as Mo): TWA = 10 mg/m ³ . - Safe Work Australia Exposure Standard for Molybdenum, soluble compounds (as Mo): TWA = 5 mg/m ³ . |
| Exposure Limits | No Data Available |
| Biological Limits | No information available. |

| | |
|--------------------------------------|---|
| Engineering Measures | A system of local and/or general exhaust is recommended to keep employee exposures below the airborne exposure limits. 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. |
| Personal Protection Equipment | <ul style="list-style-type: none"> - Respiratory protection: Wear respiratory protection in case of inadequate ventilation or if an inhalation risk exists. Recommended: Dust protection mask (refer to AS/NZS 1715 & 1716). - Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Tightly sealed goggles. - Hand protection: Handle with gloves. Recommended: Protective gloves. - Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Protective work clothing, e.g. boots, lab coat, apron or coveralls, as appropriate. |
| Special Hazards Precautions | No information available. |
| Work Hygienic Practices | Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of work. Take off contaminated clothing and wash before reuse. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------------|----------------------------|
| Physical State | Solid |
| Appearance | Crystals, scales or flakes |
| Odour | Odourless |
| Colour | White |
| pH | No Data Available |
| Vapour Pressure | No Data Available |
| Relative Vapour Density | No Data Available |
| Boiling Point | No Data Available |
| Melting Point | 686 - 687 °C |
| Freezing Point | No Data Available |
| Solubility | Soluble in water |
| Specific Gravity | No Data Available |
| Flash Point | No Data Available |
| Auto Ignition Temp | No Data Available |
| Evaporation Rate | No Data Available |
| Bulk Density | No Data Available |
| Corrosion Rate | No Data Available |
| Decomposition Temperature | No Data Available |
| Density | 3.78 g/cm ³ |
| Specific Heat | No Data Available |
| Molecular Weight | 241.95 g/mol |
| Net Propellant Weight | No Data Available |
| Octanol Water Coefficient | No Data Available |
| Particle Size | No Data Available |
| Partition Coefficient | No Data Available |
| Saturated Vapour Concentration | No Data Available |
| Vapour Temperature | No Data Available |
| Viscosity | No Data Available |
| Volatile Percent | 0 % @ 21 °C |
| VOC Volume | No Data Available |
| Additional Characteristics | No information available. |
| Potential for Dust Explosion | No information available. |

| | |
|---|--|
| Fast or Intensely Burning Characteristics | No information available. |
| Flame Propagation or Burning Rate of Solid Materials | No information available. |
| Non-Flammables That Could Contribute Unusual Hazards to a Fire | No information available. |
| Properties That May Initiate or Contribute to Fire Intensity | Non-combustible; Material does not burn. |
| Reactions That Release Gases or Vapours | Toxic metal fumes may form when heated to decomposition. Under fire conditions hazardous decomposition products formed include Sodium oxides, Molybdenum oxides. |
| Release of Invisible Flammable Vapours and Gases | No information available. |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| General Information | Explodes on contact with molten magnesium. Violent reaction with interhalogens (e.g. bromine pentafluoride; chlorine trifluoride). Incandescent reaction with hot sodium, potassium or lithium. |
| Chemical Stability | Stable under recommended storage conditions. |
| Conditions to Avoid | Avoid generating dust. Keep away from excess heat. |
| Materials to Avoid | Incompatible/reactive with strong oxidizing agents, strong reducing agents, alkali metals, most common metals. |
| Hazardous Decomposition Products | Toxic metal fumes may form when heated to decomposition. Under fire conditions hazardous decomposition products formed include Sodium oxides, Molybdenum oxides. |
| Hazardous Polymerisation | Will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------------|---|
| General Information | <ul style="list-style-type: none"> - Acute toxicity: Based on available data, the classification criteria are not met. Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain. - Skin corrosion/irritation: Not irritating to skin (Rabbits) [CAS#7631-95-0; OECD TG 404]. Thus, chemical is considered to be non-irritant. - Eye damage/irritation: Not irritating to eyes (Rabbits) [CAS#7631-95-0; OECD TG 405]. Thus, chemical is considered to be non-irritant. Exposure to the dust may cause discomfort/physical irritation to the eyes. - Respiratory/skin sensitisation: Not sensitizing (Guinea pigs) [CAS#7631-95-0; OECD TG 406]. Since the test animals failed to induce any cutaneous reaction, the test chemical is considered as not sensitizing. - Germ cell mutagenicity: Non-mutagenic. On the basis of a weight of evidence approach of read across analogues, test chemical Disodium molybdate (CAS#7631-95-0) was reported to be non-mutagenic. - Carcinogenicity: Not listed as carcinogenic according to the International Agency for Research on Cancer (IARC). - Reproductive toxicity: Non-reprotoxic [CAS#7631-95-0; OECD TG 416]. - STOT (single exposure): Breathing in dust may result in respiratory irritation, coughing, shortness of breath. - STOT (repeated exposure): High levels of molybdenum can cause joint problems in the hands and feet with pain and lameness. Molybdenum compounds can also cause liver changes with elevated levels of enzymes and cause over-activity of the thyroid gland. A generalised feeling of unwellness can occur, with tiredness, weakness, diarrhoea, loss of appetite and weight. - Aspiration toxicity: Not an aspiration hazard. |
| Acute | |
| Ingestion | Acute toxicity (Oral): - LD50, Rat (male/female): 4,233 mg/kg bw. [OECD TG 401]. |
| Other | Acute toxicity (Dermal): - LD50, Rat (male/female): >2,000 mg/kg bw. [OECD TG 402]. |

| | |
|---------------------|--|
| Inhalation | Acute toxicity (Inhalation): - LC50, Rat (male/female): >1.93 mg/l [OECD TG 403]. |
| Carcinogen Category | None |

12. ECOLOGICAL INFORMATION

| | |
|---------------------------|---|
| Ecotoxicity | Aquatic toxicity: - LC50, Fish (Oncorhynchus mykiss): 1,320 mg/l (96 h) [CAS#10102-40-6; OECD TG 203]. - LC50, Fish (Pimephales Promelas): 609.1 mg/l (96 h) [CAS#10102-40-6; OECD TG 203]. - EC50, Crustacea (Daphnia magna): 2,847.5 mg/l (48 h) [CAS#7631-95-0; ASTM guideline]. - EC50, Algae/aquatic plants (Pseudokirchneriella subcapitata): >218 mg/l (72 h) [CAS#10102-40-6; OECD TG 201]. |
| Persistence/Degradability | Biodegradation is not applicable to metals/inorganic substances. |
| Mobility | No information available. |
| Environmental Fate | Slightly hazardous for water - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. |
| Bioaccumulation Potential | Non-bioaccumulative. |
| Environmental Impact | No Data Available |

13. DISPOSAL CONSIDERATIONS

| | |
|-----------------------------------|---|
| General Information | The generation of waste should be avoided or minimised wherever possible. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility and in accordance with local/regional/national regulations. Processing, use or contamination of this product may change the waste management options. |
| Special Precautions for Land Fill | Contaminated packaging: Containers of this material may be hazardous when empty since they retain product residues - Observe all warnings and precautions listed for the product. Do not reuse container. |

14. TRANSPORT INFORMATION

Land Transport (Australia)

| | |
|----------------------|--|
| ADG Code | |
| Proper Shipping Name | Sodium molybdate, dihydrate |
| Class | No Data Available |
| Subsidiary Risk(s) | No Data Available |
| | No Data Available |
| UN Number | No Data Available |
| Hazchem | No Data Available |
| Pack Group | No Data Available |
| Special Provision | No Data Available |
| Comments | NON-DANGEROUS GOODS: Not regulated for LAND transport. |

Land Transport (Malaysia)

ADR Code

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| | |
|----------------------|--|
| Proper Shipping Name | Sodium molybdate, dihydrate |
| Class | No Data Available |
| Subsidiary Risk(s) | No Data Available |
| | No Data Available |
| UN Number | No Data Available |
| Hazchem | No Data Available |
| Pack Group | No Data Available |
| Special Provision | No Data Available |
| Comments | NON-DANGEROUS GOODS: Not regulated for LAND transport. |

Land Transport (New Zealand)
NZS5433

| | |
|----------------------|--|
| Proper Shipping Name | Sodium molybdate, dihydrate |
| Class | No Data Available |
| Subsidiary Risk(s) | No Data Available |
| | No Data Available |
| UN Number | No Data Available |
| Hazchem | No Data Available |
| Pack Group | No Data Available |
| Special Provision | No Data Available |
| Comments | NON-DANGEROUS GOODS: Not regulated for LAND transport. |

Land Transport (United States of America)
US DOT

| | |
|----------------------|--|
| Proper Shipping Name | Sodium molybdate, dihydrate |
| Class | No Data Available |
| Subsidiary Risk(s) | No Data Available |
| | No Data Available |
| UN Number | No Data Available |
| Hazchem | No Data Available |
| Pack Group | No Data Available |
| Special Provision | No Data Available |
| Comments | NON-DANGEROUS GOODS: Not regulated for LAND transport. |

Sea Transport
IMDG Code

| | |
|----------------------|---|
| Proper Shipping Name | Sodium molybdate, dihydrate |
| Class | No Data Available |
| Subsidiary Risk(s) | No Data Available |
| UN Number | No Data Available |
| Hazchem | No Data Available |
| Pack Group | No Data Available |
| Special Provision | No Data Available |
| EMS | No Data Available |
| Marine Pollutant | No |
| Comments | NON-DANGEROUS GOODS: Not regulated for SEA transport. |

Air Transport

IATA DGR

| | |
|----------------------|---|
| Proper Shipping Name | Sodium molybdate, dihydrate |
| Class | No Data Available |
| Subsidiary Risk(s) | No Data Available |
| UN Number | No Data Available |
| Hazchem | No Data Available |
| Pack Group | No Data Available |
| Special Provision | No Data Available |
| Comments | NON-DANGEROUS GOODS: Not regulated for AIR transport. |

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) |
|--------------------------------|---|

15. REGULATORY INFORMATION

| | |
|-------------------------|-------------------|
| General Information | No Data Available |
| Poisons Schedule (Aust) | Not Scheduled |

Environmental Protection Authority (New Zealand)

Hazardous Substances and New Organisms Amendment Act 2015

| | |
|---------------|---------------|
| Approval Code | Not Hazardous |
|---------------|---------------|

National/Regional Inventories

| | |
|-------------------------|----------------|
| Australia (AIIIC) | Listed |
| Canada (DSL) | Not Determined |
| Canada (NDSL) | Not Determined |
| China (IECSC) | Not Determined |
| Europe (EINECS) | 600-158-6 |
| Europe (REACH) | Not Determined |
| Japan (ENCS/METI) | Not Determined |
| Korea (KECI) | Not Determined |
| Malaysia (EHS Register) | Not Determined |
| New Zealand (NZIoC) | Listed |
| Philippines (PICCS) | Not Determined |

| | |
|--|----------------|
| Switzerland (Giftliste 1) | Not Determined |
| Switzerland (Inventory of Notified Substances) | Not Determined |
| Taiwan (NCSR) | Not Determined |
| USA (TSCA) | Not Determined |

16. OTHER INFORMATION

| | |
|-----------------------|--|
| Related Product Codes | SOMOLY0100, SOMOLY0300, SOMOLY0400, SOMOLY0500, SOMOLY0700, SOMOLY0701, SOMOLY0702, SOMOLY0703, SOMOLY0800, SOMOLY0801, SOMOLY0802, SOMOLY0803, SOMOLY0804, SOMOLY0805, SOMOLY0806, SOMOLY0807, SOMOLY0808, SOMOLY0809, SOMOLY0810, SOMOLY0811, SOMOLY0812, SOMOLY0813, SOMOLY0814, SOMOLY0815, SOMOLY0816, SOMOLY0817, SOMOLY0818, SOMOLY0819, SOMOLY0820, SOMOLY0821, SOMOLY0822, SOMOLY0823, SOMOLY0824, SOMOLY0825, SOMOLY0826, SOMOLY0827, SOMOLY0828, SOMOLY0829, SOMOLY0830, SOMOLY0900, SOMOLY0901, SOMOLY1000, SOMOLY1001, SOMOLY1002, SOMOLY1003, SOMOLY1004, SOMOLY1005, SOMOLY1006, SOMOLY1007, SOMOLY1008, SOMOLY1009, SOMOLY1010, SOMOLY1011, SOMOLY1012, SOMOLY1013, SOMOLY1014, SOMOLY1015, SOMOLY1016, SOMOLY1017, SOMOLY1018, SOMOLY1019, SOMOLY1020, SOMOLY1021, SOMOLY1100, SOMOLY1101, SOMOLY1300, SOMOLY1301, SOMOLY1500, SOMOLY1600, SOMOLY1700, SOMOLY1800, SOMOLY1801, SOMOLY1802, SOMOLY1803, SOMOLY1804, SOMOLY1805, SOMOLY1806, SOMOLY1807, SOMOLY1808, SOMOLY1809, SOMOLY1810, SOMOLY1811, SOMOLY1812, SOMOLY1813, SOMOLY1814, SOMOLY1900, SOMOLY2000, SOMOLY2100, SOMOLY2200, SOMOLY2500, SOMOLY2501, SOMOLY2900, SOMOLY3000, SOMOLY3001, SOMOLY3100, SOMOLY3101, SOMOLY3500, SOMOLY4000, SOMOLY4001, SOMOLY4002, SOMOLY4100, SOMOLY4101, SOMOLY4200, SOMOLY4300, SOMOLY4500, SOMOLY5000, SOMOLY5001, SOMOLY5500, SOMOLY6100, SOMOLY6101, SOMOLY6500, SOMOLY6600, SOMOLY6700, SOMOLY6701, SOMOLY7100, SOMOLY7250, SOMOLY7300, SOMOLY7400, SOMOLY7500, SOMOLY7600, SOMOLY7700, SOMOLY7701, SOMOLY7713, SOMOLY7715, SOMOLY7800, SOMOLY8000, SOMOLY8100, SOMOLY8600, SOMOLY9000, SOMOLY9100, SOMOLY9500, SOMOLY9600, SOMOLY9601, SOMOLY9605, SOMOLY9700, SOMOLY9900 |
| Revision | 4 |
| Revision Date | 19 Mar 2021 |
| Key/Legend | <p>< Less Than</p> <p>> Greater Than</p> <p>AICS Australian Inventory of Chemical Substances</p> <p>atm Atmosphere</p> <p>CAS Chemical Abstracts Service (Registry Number)</p> <p>cm² Square Centimetres</p> <p>CO₂ Carbon Dioxide</p> <p>COD Chemical Oxygen Demand</p> <p>deg C (°C) Degrees Celcius</p> <p>EPA (New Zealand) Environmental Protection Authority of New Zealand</p> <p>deg F (°F) Degrees Farenheit</p> <p>g Grams</p> <p>g/cm³ Grams per Cubic Centimetre</p> <p>g/l Grams per Litre</p> <p>HSNO Hazardous Substance and New Organism</p> <p>IDLH Immediately Dangerous to Life and Health</p> <p>immiscible Liquids are insoluable in each other.</p> <p>inHg Inch of Mercury</p> <p>inH₂O Inch of Water</p> <p>K Kelvin</p> <p>kg Kilogram</p> <p>kg/m³ Kilograms per Cubic Metre</p> <p>lb Pound</p> <p>LC50 LC stands for lethal concentration. LC50 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.</p> <p>LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.</p> <p>ltr or L Litre</p> |

m³ Cubic Metre

mbar Millibar

mg Milligram

mg/24H Milligrams per 24 Hours

mg/kg Milligrams per Kilogram

mg/m³ Milligrams per Cubic Metre

Misc or **Miscible** Liquids form one homogeneous liquid phase regardless of the amount of either component present.

mm Millimetre

mmH₂O Millimetres of Water

mPa.s Millipascals per Second

N/A Not Applicable

NIOSH National Institute for Occupational Safety and Health

NOHSC National Occupational Health and Safety Commission

OECD Organisation for Economic Co-operation and Development

Oz Ounce

PEL Permissible Exposure Limit

Pa Pascal

ppb Parts per Billion

ppm Parts per Million

ppm/2h Parts per Million per 2 Hours

ppm/6h Parts per Million per 6 Hours

psi Pounds per Square Inch

R Rankine

RCP Reciprocal Calculation Procedure

STEL Short Term Exposure Limit

TLV Threshold Limit Value

tne Tonne

TWA Time Weighted Average

ug/24H Micrograms per 24 Hours

UN United Nations

wt Weight