

## 1. IDENTIFICATION

<b>Product Name</b>	<b>White Spirit</b>
<b>Other Names</b>	No Data Available
<b>Uses</b>	Industrial solvent.
<b>Chemical Family</b>	No Data Available
<b>Chemical Formula</b>	Unspecified
<b>Chemical Name</b>	Naphtha, petroleum, hydrodesulfurised heavy
<b>Product Description</b>	If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

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

<b>Organisation</b>	<b>Location</b>	<b>Telephone</b>
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	Suite 13A.03, Menara Summit Persiaran Kewajipan USJ1 47600 UEP Subang Jaya Selangor, Malaysia	+60-3-5614-2111

### Emergency Contact Details

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

<b>Organisation</b>	<b>Location</b>	<b>Telephone</b>
Poisons Information Centre	Australia – Westmead NSW	1800-251525 131126
Chemcall	Australia	1800-127406 +64-4-9179888
Chemcall	Malaysia	+64-4-9179888
National Poison Centre	Malaysia	+60-4-6536-999
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)

Schedule 5

**Globally Harmonised System**

**Hazard Classification**

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

**Hazard Categories**

Flammable Liquids - Category 3  
 Skin Corrosion/Irritation - Category 2  
 Specific Target Organ Toxicity (Single Exposure) - Category 3  
 Aspiration Hazard - Category 1  
 Long-term Hazard To The Aquatic Environment - Category 2

**Pictograms**



**Signal Word**

Danger

**Hazard Statements**

**H226** Flammable liquid and vapour.  
**H304** May be fatal if swallowed and enters airways.  
**H315** Causes skin irritation.  
**H336** May cause drowsiness or dizziness.  
**H411** Toxic to aquatic life with long lasting effects.

**Precautionary Statements**

Prevention

**P210** Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
**P280** Wear protective gloves/eye protection/face protection.  
**P261** Avoid breathing mist/vapours/spray.  
**P273** Avoid release to the environment.  
**P240** Ground and bond container and receiving equipment.  
**P241** Use explosion-proof electrical/ventilating/lighting and all other equipment.  
**P242** Use non-sparking tools.  
**P243** Take action to prevent static discharges.  
**P235** Keep cool.  
**P271** Use only outdoors or in a well-ventilated area.

Response

**P370 + P378** In case of fire: Use carbon dioxide (CO2), dry chemical, alcohol resistant foam or water spray for extinction.  
**P301 + P310** IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
**P331** Do NOT induce vomiting.  
**P312** Call a POISON CENTER or doctor if you feel unwell.  
**P391** Collect spillage.  
**P303 + P361 + P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
**P332 + P313** If skin irritation occurs: Get medical advice/attention.  
**P304 + P340** IF INHALED: Remove victim to fresh air and keep comfortable for breathing.  
**P363** Wash contaminated clothing before reuse.

Storage

**P403 + P233** Store in a well-ventilated place. Keep container tightly closed.  
**P405** Store locked up.

Disposal

**P501** Dispose of contents/container in accordance with local / regional / national / international regulations.

**National Transport Commission (Australia)**

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

**Dangerous Goods Classification**

Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road &amp; Rail (ADG Code)

**3. COMPOSITION/INFORMATION ON INGREDIENTS***Ingredients*

Chemical Entity	Formula	CAS Number	Proportion
Naphtha, petroleum, hydrodesulfurised heavy	Unspecified	64742-82-1	<=100 %

**4. FIRST AID MEASURES***Description of necessary measures according to routes of exposure*

<b>Swallowed</b>	IF SWALLOWED: Rinse mouth with water, then give a glass of water to drink. Do NOT induce vomiting. Immediately call a Poison Centre or doctor/physician for advice. If vomiting occurs give further water. Never give anything by mouth to an unconscious person.
<b>Eye</b>	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.
<b>Skin</b>	IF ON SKIN (or hair): Remove contaminated clothing and shoes immediately. Flush skin and hair with running water for at least 15 minutes. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing and shoes before reuse. For gross contamination, immediately drench contaminated clothing and skin with plenty of water before removing clothes. For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters.
<b>Inhaled</b>	IF INHALED: Remove victim to fresh air and keep warm and at rest in a position comfortable for breathing until recovered. Remove contaminated clothing and loosen remaining clothing. Call a Poison Centre or doctor/physician for advice. Apply resuscitation if victim is not breathing - Do not use direct mouth-to-mouth method if victim ingested or inhaled the substance; use alternative respiratory method or proper respiratory device - Administer oxygen if breathing is difficult.
<b>Advice to Doctor</b>	Treat symptomatically. Keep victim calm and warm - Obtain immediate medical care. Ensure that attending medical personnel are aware of identity and nature of product(s) involved, and take precautions to protect themselves.
<b>Medical Conditions Aggravated by Exposure</b>	No information available.

**5. FIRE FIGHTING MEASURES**

<b>General Measures</b>	If safe to do so, move undamaged containers from fire area. Cool container with water spray until well after fire is out. Avoid getting water inside containers.
<b>Flammability Conditions</b>	HIGHLY FLAMMABLE LIQUID: Low flashpoint - Will be easily ignited by heat, sparks or flames at ambient temperatures.
<b>Extinguishing Media</b>	Use dry chemical, Carbon dioxide (CO <sub>2</sub> ), foam (alcohol-resistant or standard) or water spray for extinction - Do not use water jets. *Caution: Use of water spray when fighting fire may be inefficient.
<b>Fire and Explosion Hazard</b>	Risk of violent reaction or explosion! Heating can cause expansion or decomposition leading to violent rupture of containers. Vapours will form explosive mixtures with air. Vapours will travel to source of ignition and flash back. Many vapours are heavier than air and will collect in low or confined areas. Vapours from runoff may create an explosion

hazard.

<b>Hazardous Products of Combustion</b>	Fire may produce irritating and/or toxic gases, including oxides of Carbon and Nitrogen, smoke and other toxic fumes.
<b>Special Fire Fighting Instructions</b>	Contain runoff from fire control or dilution water - Runoff may pollute waterways.
<b>Personal Protective Equipment</b>	Wear self-contained breathing apparatus (SCBA) and chemical-protective clothing. SCBA and structural firefighting uniform provide limited protection.
<b>Flash Point</b>	38 °C [Abel Closed Cup]
<b>Lower Explosion Limit</b>	0.7 %
<b>Upper Explosion Limit</b>	6.5 %
<b>Auto Ignition Temperature</b>	296 °C
<b>Hazchem Code</b>	3Y

## 6. ACCIDENTAL RELEASE MEASURES

<b>General Response Procedure</b>	Ensure adequate ventilation - Ventilate enclosed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flame). All equipment used in handling the product must be earthed. Do not touch or walk through spilled material - Slippery when spilt. Avoid accidents, clean up immediately! Avoid breathing vapours and contact with eyes, skin and clothing.
<b>Clean Up Procedures</b>	Absorb spill with earth, sand or other non-combustible material. Use clean, non-sparking tools to collect material and seal in properly labelled containers or drums for disposal (see SECTION 13).
<b>Containment</b>	Stop leak if safe to do so – Prevent entry into waterways, drains or confined areas.
<b>Decontamination</b>	No information available.
<b>Environmental Precautionary Measures</b>	Spillages and decontamination runoff should be prevented from entering drains and watercourses. If contamination of crops, sewers or waterways has occurred advise local emergency services.
<b>Evacuation Criteria</b>	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground.
<b>Personal Precautionary Measures</b>	Wear protective equipment to prevent skin and eye contamination and inhalation of vapours or dust (see SECTION 8).

## 7. HANDLING AND STORAGE

<b>Handling</b>	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation - Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mist/vapours/aerosols and contact with eyes, skin and clothing. Do not ingest. Wear protective gloves/protective clothing/eye protection/face protection (see SECTION 8). HIGHLY FLAMMABLE LIQUID: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take action to prevent static discharges.
<b>Storage</b>	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep containers standing upright and tightly closed when not in use - check regularly for leaks. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Store away from food/feedstuffs and incompatible materials (see SECTION 10). Store locked up.
<b>Container</b>	Keep in the original container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>General</b>	No specific exposure standards are available for this product. For White Spirit: - Safe Work Australia Exposure Standard: TWA = 790 mg/m <sup>3</sup> ; Presumed to have carcinogenic potential for humans (Carc. 1B).
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<b>Exposure Limits</b>	No Data Available
<b>Biological Limits</b>	The ingredients in this material do not have a Biological Limit allocated.
<b>Engineering Measures</b>	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. Use explosion-proof electrical/ventilating/lighting equipment.
<b>Personal Protection Equipment</b>	- Respiratory protection: Wear respiratory protection in case of inadequate ventilation or if an inhalation risk exists. Recommended: Organic vapour/particulate respirator (refer to AS/NZS 1715 & 1716). - Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses. - Hand protection: Wear protective gloves. Recommended: Nitrile rubber (suitable for intermittent contact). - Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Overalls, safety shoes.
<b>Special Hazards Precautions</b>	No information available.
<b>Work Hygienic Practices</b>	Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Liquid
<b>Odour</b>	Paraffinic
<b>Colour</b>	Colourless
<b>pH</b>	No Data Available
<b>Vapour Pressure</b>	370 Pa (Typical) (@ 20 °C)
<b>Relative Vapour Density</b>	No Data Available
<b>Boiling Point</b>	No Data Available
<b>Melting Point</b>	No Data Available
<b>Freezing Point</b>	No Data Available
<b>Solubility</b>	Insoluble in water
<b>Specific Gravity</b>	No Data Available
<b>Flash Point</b>	38 °C [Abel Closed Cup]
<b>Auto Ignition Temp</b>	296 °C
<b>Evaporation Rate</b>	0.16 (n-Butyl acetate = 1)
<b>Bulk Density</b>	No Data Available
<b>Corrosion Rate</b>	No Data Available
<b>Decomposition Temperature</b>	No Data Available
<b>Density</b>	783 kg/m <sup>3</sup> (Typical) [ASTM D-4052]
<b>Specific Heat</b>	No Data Available
<b>Molecular Weight</b>	140 g/mol
<b>Net Propellant Weight</b>	No Data Available
<b>Octanol Water Coefficient</b>	No Data Available
<b>Particle Size</b>	No Data Available
<b>Partition Coefficient</b>	3.7 - 6.7 (log Pow)
<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>	Surface tension: 26.4 mN/m (20°C) (Typical) [ASTM D-971]

<b>Potential for Dust Explosion</b>	Not applicable.
<b>Fast or Intensely Burning Characteristics</b>	Risk of violent reaction or explosion!
<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>	Caution: Use of water spray when fighting fire may be inefficient.
<b>Properties That May Initiate or Contribute to Fire Intensity</b>	HIGHLY FLAMMABLE LIQUID: Low flashpoint - Will be easily ignited by heat, sparks or flames at ambient temperatures.
<b>Reactions That Release Gases or Vapours</b>	Fire/decomposition may produce irritating and/or toxic fumes, including oxides of Carbon and Nitrogen, smoke and other toxic fumes.
<b>Release of Invisible Flammable Vapours and Gases</b>	Vapours will form explosive mixtures with air.

## 10. STABILITY AND REACTIVITY

<b>General Information</b>	No known hazardous reactions.
<b>Chemical Stability</b>	This material is thermally stable when stored and used as directed.
<b>Conditions to Avoid</b>	Avoid elevated temperatures and sources of ignition.
<b>Materials to Avoid</b>	Incompatible/reactive with oxidising agents.
<b>Hazardous Decomposition Products</b>	Fire/decomposition may produce irritating and/or toxic fumes, including oxides of Carbon and Nitrogen, smoke and other toxic fumes.
<b>Hazardous Polymerisation</b>	No information available.

## 11. TOXICOLOGICAL INFORMATION

<b>General Information</b>	<ul style="list-style-type: none"> <li>- Acute toxicity: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed.</li> <li>- Skin corrosion/irritation: Causes skin irritation (reversible effects to skin). Contact with skin will result in irritation.</li> <li>- Eye damage/irritation: May be an eye irritant (this material has been classified as not corrosive or irritating to eyes).</li> <li>- Respiratory/skin sensitisation: This material has been classified as not a respiratory sensitiser. This material has been classified as not a skin sensitiser.</li> <li>- Germ cell mutagenicity: This material has been classified as non-hazardous.</li> <li>- Carcinogenicity: This material has been classified as non-hazardous.</li> <li>- Reproductive toxicity: This material has been classified as non-hazardous.</li> <li>- STOT (single exposure): May cause drowsiness or dizziness. Exposure via inhalation may result in depression of the central nervous system. Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.</li> <li>- STOT (repeated exposure): This material has been classified as non-hazardous.</li> <li>- Aspiration toxicity: May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause broncho-pneumonia or pulmonary oedema.</li> </ul>
<b>Acute</b>	
<b>Ingestion</b>	Acute toxicity (Oral): - LD50, Rat: >2,000 mg/kg [Supplier's SDS].
<b>Other</b>	Acute toxicity (Dermal): - LD50, Rat: >2,000 mg/kg [Supplier's SDS].
<b>Carcinogen Category</b>	None

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Acute aquatic hazard: - Acute toxicity estimate (ATE): >100 mg/L [based on ingredients]. Long-term aquatic hazard: - Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): 1 - 10 mg/L, where the substance is not rapidly degradable and/or BCF >= 500 and/or log Kow >= 4.
<b>Persistence/Degradability</b>	No information available.
<b>Mobility</b>	No information available.
<b>Environmental Fate</b>	Toxic to aquatic life with long lasting effects - Avoid release to the environment.
<b>Bioaccumulation Potential</b>	No information available.
<b>Environmental Impact</b>	No Data Available

**13. DISPOSAL CONSIDERATIONS**

<b>General Information</b>	If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local/regional/national regulations.
<b>Special Precautions for Land Fill</b>	Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protective equipment is used (see SECTION 8).

**14. TRANSPORT INFORMATION****Land Transport (Australia)**

ADG Code

<b>Proper Shipping Name</b>	TURPENTINE SUBSTITUTE
<b>Class</b>	3 Flammable Liquids
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	128 Flammable Liquids (Water-Immiscible)
<b>UN Number</b>	1300
<b>Hazchem</b>	3Y
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Land Transport (Malaysia)**

ADR Code

<b>Proper Shipping Name</b>	TURPENTINE SUBSTITUTE
<b>Class</b>	3 Flammable Liquids
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	128 Flammable Liquids (Water-Immiscible)
<b>UN Number</b>	1300
<b>Hazchem</b>	3Y
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Land Transport (New Zealand)**

NZS5433

<b>Proper Shipping Name</b>	TURPENTINE SUBSTITUTE
<b>Class</b>	3 Flammable Liquids
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	128 Flammable Liquids (Water-Immiscible)
<b>UN Number</b>	1300
<b>Hazchem</b>	3Y
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Land Transport (United States of America)**

US DOT

<b>Proper Shipping Name</b>	TURPENTINE SUBSTITUTE
<b>Class</b>	3 Flammable Liquids
<b>Subsidiary Risk(s)</b>	No Data Available
<b>ERG</b>	128 Flammable Liquids (Non-Polar / Water-Immiscible)
<b>UN Number</b>	1300
<b>Hazchem</b>	3Y
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Sea Transport**

IMDG Code

<b>Proper Shipping Name</b>	TURPENTINE SUBSTITUTE
<b>Class</b>	3 Flammable Liquids
<b>Subsidiary Risk(s)</b>	No Data Available
<b>UN Number</b>	1300
<b>Hazchem</b>	3Y
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available
<b>EMS</b>	F-E, S-E
<b>Marine Pollutant</b>	Yes

**Air Transport**

IATA DGR

<b>Proper Shipping Name</b>	TURPENTINE SUBSTITUTE
<b>Class</b>	3 Flammable Liquids
<b>Subsidiary Risk(s)</b>	No Data Available
<b>UN Number</b>	1300
<b>Hazchem</b>	3Y
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**National Transport Commission (Australia)**

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

**Dangerous Goods Classification**

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** HYDROCARBONS, liquid  
**Poisons Schedule (Aust)** Schedule 5

**National/Regional Inventories**

<b>Australia (AIC)</b>	Listed
<b>Canada (DSL)</b>	Not Determined
<b>Canada (NDSL)</b>	Not Determined
<b>China (IECSC)</b>	Not Determined
<b>Europe (EINECS)</b>	Not Determined
<b>Europe (REACH)</b>	Not Determined
<b>Japan (ENCS/METI)</b>	Not Determined
<b>Korea (KECI)</b>	Not Determined
<b>Malaysia (List of Classified Substances)</b>	Not Determined
<b>New Zealand (NZIoC)</b>	Not Determined
<b>Philippines (PICCS)</b>	Not Determined
<b>Taiwan (TCSI)</b>	Not Determined
<b>USA (TSCA)</b>	Not Determined
<b>Mexico (INSQ)</b>	Not Determined

**16. OTHER INFORMATION**

**Related Product Codes** ALHYDR1823, ALHYDR3520, ALHYDR3570, ALHYDR3590, ALHYDR5400, ALHYDR5407, ALHYDR5410, ALHYDR5420, ALHYDR5421, ALHYDR5422, ALHYDR5440, ALHYDR7100, ALHYDR7101, ALHYDR7102

**Revision** 4

**Revision Date** 04 Nov 2021

**Key/Legend**

- < Less Than
- > Greater Than
- AICS** Australian Inventory of Chemical Substances
- atm** Atmosphere
- CAS** Chemical Abstracts Service (Registry Number)
- cm<sup>2</sup>** Square Centimetres
- CO<sub>2</sub>** Carbon Dioxide
- COD** Chemical Oxygen Demand
- deg C (°C)** Degrees Celcius
- EPA (New Zealand)** Environmental Protection Authority of New Zealand

**deg F (°F)** Degrees Fahrenheit  
**g** Grams  
**g/cm<sup>3</sup>** Grams per Cubic Centimetre  
**g/l** Grams per Litre  
**HSNO** Hazardous Substance and New Organism  
**IDLH** Immediately Dangerous to Life and Health  
**immiscible** Liquids are insoluble in each other.  
**inHg** Inch of Mercury  
**inH<sub>2</sub>O** Inch of Water  
**K** Kelvin  
**kg** Kilogram  
**kg/m<sup>3</sup>** Kilograms per Cubic Metre  
**lb** Pound  
**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.  
**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.  
**ltr or L** Litre  
**m<sup>3</sup>** Cubic Metre  
**mbar** Millibar  
**mg** Milligram  
**mg/24H** Milligrams per 24 Hours  
**mg/kg** Milligrams per Kilogram  
**mg/m<sup>3</sup>** Milligrams per Cubic Metre  
**Misc or Miscible** Liquids form one homogeneous liquid phase regardless of the amount of either component present.  
**mm** Millimetre  
**mmH<sub>2</sub>O** 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