

## 1. IDENTIFICATION

<b>Product Name</b>	<b>Linseed Oil</b>
<b>Other Names</b>	Flaxseed oil; Linseed oil, acid refined; Linseed oil, double boiled; Linseed oil, oxidized [CAS#68649-95-6]; Linseed oil, raw
<b>Uses</b>	Linoleum, paint industry, printing inks, coating wood treatment products, resins, putties, adhesives, sealants; Stock/animal feed.
<b>Chemical Family</b>	No Data Available
<b>Chemical Formula</b>	Unspecified
<b>Chemical Name</b>	Linseed oil
<b>Product Description</b>	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	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.*

Organisation	Location	Telephone
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)**

Not Scheduled

**Globally Harmonised System**

<b>Hazard Classification</b>	NOT hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
<b>Signal Word</b>	None

**National Transport Commission (Australia)**

Australian Code for the Transport of Dangerous Goods by Road &amp; 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)
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**Safe Work Australia**

National Guide for Classifying Hazardous Chemicals under the Model WHS Regulations

<b>Hazard Classification</b>	NOT hazardous according to the criteria of Safe Work Australia under Model WHS Regulations
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**3. COMPOSITION/INFORMATION ON INGREDIENTS***Ingredients*

Chemical Entity	Formula	CAS Number	Proportion
Linseed oil	Unspecified	8001-26-1	<=100 %

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

<b>Swallowed</b>	IF SWALLOWED: Rinse mouth, then drink a glass of water. Do not induce vomiting. Get medical advice/attention if you feel unwell. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Never give anything by mouth to an unconscious person.
<b>Eye</b>	IF IN EYES: Immediately flush eyes with running water for at least 15 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. *Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
<b>Skin</b>	IF ON SKIN: Remove and isolate contaminated clothing and shoes. Wash skin with plenty of soap and running water/shower. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing and shoes before reuse.
<b>Inhaled</b>	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. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
<b>Advice to Doctor</b>	Symptomatic treatment is advised. No typical symptoms and effects known.
<b>Medical Conditions Aggravated by Exposure</b>	No information available.

**5. FIRE FIGHTING MEASURES**

<b>General Measures</b>	Alert Fire Brigade and tell them location and nature of hazard. If safe to do so, move undamaged containers from fire area. Do not approach containers suspected to be hot. Cool containers with water spray until well after fire is out. Avoid spraying water onto liquid pools.
<b>Flammability Conditions</b>	Combustible liquid; may burn but does not ignite readily. Slight hazard when exposed to heat, flame and oxidisers. *Contact with high pressure oxygen may cause ignition/combustion.
<b>Extinguishing Media</b>	Use dry chemical, Carbon dioxide (CO <sub>2</sub> ) or foam for extinction. Do not use a solid water stream as it may scatter and spread fire. Use water spray or fog for large fires only.
<b>Fire and Explosion Hazard</b>	Although anti-oxidants may be present in the original formulation, these may deplete over time as they come into contact with air. Rags wet/soaked with unsaturated hydrocarbons/drying oils may auto-oxidise; generate heat and, in-time, smoulder and ignite. This is especially the case where oil-soaked materials are folded, bunched, compressed or piled together - this allows the heat to accumulate or even accelerate the reaction.
<b>Hazardous Products of Combustion</b>	On combustion, emits toxic fumes of Carbon monoxide (CO <sub>2</sub> ), acrolein.
<b>Special Fire Fighting Instructions</b>	Contain runoff from fire control or dilution water - Runoff may cause pollution.
<b>Personal Protective Equipment</b>	Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
<b>Flash Point</b>	>=222 °C
<b>Lower Explosion Limit</b>	No Data Available
<b>Upper Explosion Limit</b>	No Data Available
<b>Auto Ignition Temperature</b>	>300 - 343 °C
<b>Hazchem Code</b>	No Data Available

## 6. ACCIDENTAL RELEASE MEASURES

<b>General Response Procedure</b>	Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk through spilled material - Slippery when spilt. Clean up all spills immediately! Avoid breathing vapours and contact with eyes, skin and clothing.
<b>Clean Up Procedures</b>	Wipe up or absorb with sand or other non-combustible absorbent material and place into containers for later disposal (see SECTION 13). *Oily cleaning rags should be collected regularly and immersed in water/solvents in suitably closed containers, or spread to dry in a safe-place away from direct sunlight.
<b>Containment</b>	Stop leak if safe to do so – Prevent entry into waterways, drains or confined areas. Some oils slowly oxidise when spread in a film; Contain spill with sand, earth or vermiculite - keep moist to prevent self-ignition. *Linseed oil is a drying oil, which, if left over a few days, will form a hard film.
<b>Decontamination</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.
<b>Environmental Precautionary Measures</b>	Prevent spillage from entering drains or watercourses. If contamination of drains or waterways occurs, advise emergency services.
<b>Evacuation Criteria</b>	Spill or leak area should be isolated immediately. Keep unauthorised personnel away.
<b>Personal Precautionary Measures</b>	Use personal protective equipment as required (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. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mist/vapours and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). <b>WARNING!</b> Mists containing combustible materials may be explosive. <b>HOT</b> product absorbed on porous material (e.g. sawdust, clothes or insulating material) can ignite spontaneously. Avoid extreme high temperatures and sources of ignition - No smoking.
<b>Storage</b>	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep containers securely sealed when not in use. Protect containers against physical damage and check regularly for leaks. Keep away from heat and sources of ignition - No smoking. Keep away from foodstuffs and incompatible materials (see SECTION 10).

<b>Container</b>	Keep in the original container or packaging as recommended by manufacturer. Do NOT use aluminium or galvanised containers. Check all containers are clearly labelled and free from leaks.
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>General</b>	No specific exposure standards are available for this product. For vegetable oil mists: - Safe Work Australia Exposure Standard: TWA = 10 mg/m <sup>3</sup> . - New Zealand Workplace exposure standard: TWA = 10 mg/m <sup>3</sup> .
<b>Exposure Limits</b>	No Data Available
<b>Biological Limits</b>	No information available.
<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.
<b>Personal Protection Equipment</b>	- Respiratory protection: In case of inadequate ventilation, wear respiratory protection. Recommended: Organic vapour/particulate (Type A-P Filter) respirator (refer to AS/NZS 1715 & 1716). - Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses with side shields or Chemical goggles, as required. - Hand protection: Handle with gloves. Recommended: Wear chemical protective gloves, e.g. PVC. - Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Overalls, PVC apron, Barrier cream; Wear safety footwear or safety gumboots, e.g. Rubber.
<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 with soap and water after handling. Launder contaminated clothing before re-use. Work clothes should be laundered separately.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Odour</b>	Characteristic
<b>Colour</b>	Pale yellow to amber
<b>pH</b>	No Data Available
<b>Vapour Pressure</b>	<1 mbar (@ 20 °C)
<b>Relative Vapour Density</b>	No Data Available
<b>Boiling Point</b>	>250 °C (with decomposition)
<b>Melting Point</b>	<0 °C
<b>Freezing Point</b>	No Data Available
<b>Solubility</b>	Immiscible with water - Mixes with most organic solvents
<b>Specific Gravity</b>	0.91 - 0.95 (Water = 1)
<b>Flash Point</b>	>=222 °C
<b>Auto Ignition Temp</b>	>300 - 343 °C
<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>	No Data Available
<b>Density</b>	approx. 0.92 g/cm <sup>3</sup>
<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>	No Data Available
<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>	approx. 0.50 Poise (@ 20 °C)
<b>Volatile Percent</b>	No Data Available
<b>VOC Volume</b>	No Data Available
<b>Additional Characteristics</b>	No information available.
<b>Potential for Dust Explosion</b>	Not applicable.
<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>	Although anti-oxidants may be present in the original formulation, these may deplete over time as they come into contact with air. Rags wet/soaked with unsaturated hydrocarbons/drying oils may auto-oxidise; generate heat and, in-time, smoulder and ignite. This is especially the case where oil-soaked materials are folded, bunched, compressed or piled together - this allows the heat to accumulate or even accelerate the reaction.
<b>Properties That May Initiate or Contribute to Fire Intensity</b>	Combustible liquid; may burn but does not ignite readily. Slight hazard when exposed to heat, flame and oxidisers. *Contact with high pressure oxygen may cause ignition/combustion.
<b>Reactions That Release Gases or Vapours</b>	On combustion, emits toxic fumes of Carbon monoxide (CO <sub>2</sub> ), acrolein.
<b>Release of Invisible Flammable Vapours and Gases</b>	Mists containing combustible materials may be explosive.

## 10. STABILITY AND REACTIVITY

<b>General Information</b>	Absorbent materials (e.g. rags, cloths, mops, absorbents) wetted/soaked with occluded oil must be moistened with water as they may auto-oxidise, become self heating and ignite.
<b>Chemical Stability</b>	Product is considered stable. *Unstable in the presence of incompatible materials.
<b>Conditions to Avoid</b>	Keep away from heat and sources of ignition.
<b>Materials to Avoid</b>	Incompatible/reactive with oxidising agents.
<b>Hazardous Decomposition Products</b>	On combustion, emits toxic fumes of Carbon monoxide (CO <sub>2</sub> ), acrolein. At temperatures >250 °C short-chain fatty acids, polymers and acrolein may be formed.
<b>Hazardous Polymerisation</b>	Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>General Information</b>	Information on possible routes of exposure: - Ingestion: Considered to be non-toxic. Ingestion may result in nausea, abdominal irritation, pain and vomiting; Laxative effect. - Skin contact: The material may cause skin irritation after prolonged or repeated exposure and may produce, on contact, skin redness, swelling, the production of vesicles, scaling and thickening of the skin. - Eye contact: Although the liquid is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness. - Inhalation: Not normally a hazard due to non-volatile nature of product. Inhalation of oil mists/aerosols may cause discomfort and may produce respiratory irritation.
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Chronic effects: Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.

\*When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided us.

**Acute****Ingestion**

Acute toxicity (Oral):  
- LD50, Rat: >4,750 mg/kg [Supplier's SDS].

**Carcinogen Category**

None

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not considered as toxic.

**Persistence/Degradability**

Considered biodegradable.

**Mobility**

The product floats on water.

\*The oil film on water surface may physically affect aquatic organisms, due to the interruption of oxygen transfer between the air and water.

**Environmental Fate**

Prevent entry into drains and waterways.

**Bioaccumulation Potential**

No information available.

**Environmental Impact**

No Data Available

**13. DISPOSAL CONSIDERATIONS****General Information**

Recycle, wherever possible, or dispose of in accordance with local/regional/national regulations. Bury or incinerate residue at an approved site. Recycle containers if possible, or dispose of in an authorised landfill.

**Special Precautions for Land Fill**

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.

**14. TRANSPORT INFORMATION****Land Transport (Australia)****ADG Code****Proper Shipping Name**

Linseed Oil

**Class**

C2 Combustible Liquids - Flash Point >93°C, Closed Cup, Not Excluded Flammable

**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

<b>Proper Shipping Name</b>	Linseed Oil
<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
<b>Comments</b>	NON-DANGEROUS GOODS: Not regulated for LAND transport.

**Land Transport (New Zealand)**

NZS5433

<b>Proper Shipping Name</b>	Linseed Oil
<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
<b>Comments</b>	NON-DANGEROUS GOODS: Not regulated for LAND transport.

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

US DOT

<b>Proper Shipping Name</b>	Linseed Oil
<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
<b>Comments</b>	NON-DANGEROUS GOODS: Not regulated for LAND transport.

**Sea Transport**

IMDG Code

<b>Proper Shipping Name</b>	Linseed Oil
<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

**Comments** NON-DANGEROUS GOODS: Not regulated for SEA transport.

### Air Transport

IATA DGR

**Proper Shipping Name** Linseed Oil  
**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)** 232-278-6  
**Europe (REACH)** Not Determined  
**Japan (ENCS/METI)** Not Determined  
**Korea (KECI)** Not Determined  
**Malaysia (List of Classified Substances)** Not Determined  
**New Zealand (NZIoC)** Listed

Philippines (PICCS)	Not Determined
Taiwan (TCSI)	Not Determined
USA (TSCA)	Not Determined
Mexico (INSQ)	Not Determined

## 16. OTHER INFORMATION

<b>Related Product Codes</b>	LINOIL0700, LINOIL0800, LINOIL0900, LINOIL1000, LINOIL1001, LINOIL1002, LINOIL1003, LINOIL1004, LINOIL1005, LINOIL1006, LINOIL1007, LINOIL1008, LINOIL1009, LINOIL1010, LINOIL1011, LINOIL1012, LINOIL1013, LINOIL1014, LINOIL1020, LINOIL1100, LINOIL1101, LINOIL1102, LINOIL1200, LINOIL1300, LINOIL1400, LINOIL1422, LINOIL1500, LINOIL1501, LINOIL1600, LINOIL1601, LINOIL1700, LINOIL1701, LINOIL1800, LINOIL1900, LINOIL1901, LINOIL1902, LINOIL2000, LINOIL2001, LINOIL2002, LINOIL2003, LINOIL2004, LINOIL2005, LINOIL2100, LINOIL2300, LINOIL2500, LINOIL2501, LINOIL3000, LINOIL3001, LINOIL3002, LINOIL3003, LINOIL3004, LINOIL3005, LINOIL3500, LINOIL4010, LINOIL4100, LINOIL5000, LINOIL5001, LINOIL5100, LINOIL5101, LINOIL5102, LINOIL5105, LINOIL5200, LINOIL5210, LINOIL5300, LINOIL5301, LINOIL5305, LINOIL5400, LINOIL5500, LINOIL5501, LINOIL5600, LINOIL5700, LINOIL6000, LINOIL6001, LINOIL6100, LINOIL6200, LINOIL6300, LINOIL6301, LINOIL6350, LINOIL6355, LINOIL6360, LINOIL6370, LINOIL6371, LINOIL6400, LINOIL6500, LINOIL6800, LINOIL6900, LINOIL7000, LINOIL7001, LINOIL7100, LINOIL7200, LINOIL7201, LINOIL7400, LINOIL7500, LINOIL7700, LINOIL8000, LINOIL8001, LINOIL8100, LINOIL8101, LINOIL8300, LINOIL8301, LINOIL8322, LINOIL8400, LINOIL8401, LINOIL8500, LINOIL8501, LINOIL8600, LINOIL8700, LINOIL8900, LINOIL9000, LINOIL9400, LINOIL9500, LINOIL9600
<b>Revision</b>	5
<b>Revision Date</b>	07 Dec 2021
<b>Key/Legend</b>	<p>&lt; Less Than &gt; Greater Than</p> <p><b>AICS</b> Australian Inventory of Chemical Substances  <b>atm</b> Atmosphere  <b>CAS</b> Chemical Abstracts Service (Registry Number)  <b>cm<sup>2</sup></b> Square Centimetres  <b>CO<sub>2</sub></b> Carbon Dioxide  <b>COD</b> Chemical Oxygen Demand  <b>deg C (°C)</b> Degrees Celcius  <b>EPA (New Zealand)</b> Environmental Protection Authority of New Zealand  <b>deg F (°F)</b> Degrees Farenheit  <b>g</b> Grams  <b>g/cm<sup>3</sup></b> Grams per Cubic Centimetre  <b>g/l</b> Grams per Litre  <b>HSNO</b> Hazardous Substance and New Organism  <b>IDLH</b> Immediately Dangerous to Life and Health  <b>immiscible</b> Liquids are insoluable in each other.  <b>inHg</b> Inch of Mercury  <b>inH<sub>2</sub>O</b> Inch of Water  <b>K</b> Kelvin  <b>kg</b> Kilogram  <b>kg/m<sup>3</sup></b> Kilograms per Cubic Metre  <b>lb</b> Pound  <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.  <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.  <b>ltr or L</b> Litre  <b>m<sup>3</sup></b> Cubic Metre  <b>mbar</b> Millibar  <b>mg</b> Milligram  <b>mg/24H</b> Milligrams per 24 Hours  <b>mg/kg</b> Milligrams per Kilogram  <b>mg/m<sup>3</sup></b> Milligrams per Cubic Metre  <b>Misc or Miscible</b> Liquids form one homogeneous liquid phase regardless of the amount of either component present.</p>

**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