

1. IDENTIFICATION

Product Name	Activated Carbon (Non-DG)
Other Names	Activated Carbon - High Density Skeleton (AC - HDS); Activated Carbon made of Coal; AquaSorb; Coconut Based Activated Carbon; EcoSorb CS; PICATIFF TA55; Pureo C-300 4x8; Pureo K85 PAC; Steam activated Carbon
Uses	Adsorbent - for industrial, professional and consumer use.
Chemical Family	No Data Available
Chemical Formula	C
Chemical Name	Activated Carbon
Product Description	A porous, amorphous, high surface area adsorbent material composed largely of elemental Carbon. *This product, which is manufactured from a naturally occurring raw material(s), contains <10% total crystalline silica (quartz, CASRN 14808-60-7).

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
National Poison Centre	Malaysia	+60-4-6536-999

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)
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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
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3. COMPOSITION/INFORMATION ON INGREDIENTS*Ingredients*

Chemical Entity	Formula	CAS Number	Proportion
Activated Carbon	C	7440-44-0	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 unless directed to do so by medical personnel. Get medical advice/attention if large amounts are ingested or 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 eyelids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention/consult an ophthalmologist.
Skin	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it 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. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
Advice to Doctor	Treat symptomatically. *Most important symptoms and effects, both acute and delayed: When large amounts are ingested orally, congestion may occur.
Medical Conditions Aggravated by Exposure	Medication efficiency can be reduced by the adsorbing properties of Activated Carbon.



5. FIRE FIGHTING MEASURES

General Measures	If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out. Dike fire-control water for later disposal.
Flammability Conditions	May burn but does not ignite readily. *Activated Carbon is difficult to ignite and tends to burn slowly (smolder) without producing flame.
Extinguishing Media	Use dry chemical, Carbon dioxide (CO ₂), foam or water spray for extinction. Do not scatter spilled material with high-pressure water streams. *In the event of a fire, spreading large amounts of activated carbon is not recommended due to risk of creating uncontrolled dust emissions.
Fire and Explosion Hazard	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. *After a fire, smoldering hotspots within the Activated Carbon may be present for a long time. Activated Carbon which has been allowed to smolder for a long time in a confined space may accumulate carbon monoxide above its lower explosion limit.
Hazardous Products of Combustion	Fire may produce irritating and/or toxic gases, including carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. A fire will often produce thick black smoke. *Other materials adsorbed onto the carbon may also be released during combustion.
Special Fire Fighting Instructions	Contain runoff from fire control or dilution water - Runoff may cause pollution.
Personal Protective Equipment	Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
Flash Point	No Data Available
Lower Explosion Limit	60 g/m ³
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. ELIMINATE all ignition sources (if dust clouds can occur). Do not touch or walk through spilled material. Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing.
Clean Up Procedures	Pick up and transfer to properly labelled containers for recovery or disposal (see SECTION 13). *Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Use of a vacuum with high efficiency particulate air (HEPA) filtration is recommended. Do not create a dust cloud by using brush or compressed air.
Containment	Stop leak if you can do it without risk. Prevent dust cloud. Prevent entry into waterways, sewers, basements or confined areas.
Decontamination	No information available.
Environmental Precautionary Measures	Prevent entry into drains and waterways. Local authorities should be advised if significant spillages cannot be contained.
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

Handling	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Minimise dust generation and accumulation. Avoid breathing dust and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). WARNING: My form combustible dust concentrations in air! If transferring product under pressure, avoid generation of dust if an ignition source is present.
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Storage	Store in a clean, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Protect from humidity/dampness. Keep away from heat and sources of ignition - No smoking. Store and keep away from any chemical (solvents and strong oxidisers) and other incompatible materials (see SECTION 10). Prevent access by unauthorised personnel. *Storage of wet activated carbon in a closed area can deplete oxygen from air, and dangerously low levels of oxygen may result.
Container	Always store in the closed, original packaging or packaging made of an identical material to the original.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General	No specific exposure standards are available for this product. For dusts from solid substances without specific occupational exposure standards: - Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m ³ (measured as inhalable dust). - New Zealand WES (Particulates not otherwise classified): TWA = 10 mg/m ³ ; TWA = 3 mg/m ³ (respirable dust).
Exposure Limits	No Data Available
Biological Limits	No information available.
Engineering Measures	In confined spaces, provide mechanical ventilation. Local exhaust ventilation is recommended where there is a need to remove dust from the workers breathing zone. Ventilation requirements will depend on the process and should be adequate to avoid exceeding the recommended exposure standard.
Personal Protection Equipment	- Respiratory protection: In case of inadequate ventilation, wear respiratory protection. Recommended: Dust mask/particulate filter respirator (refer to AS/NZS 1715 & 1716). - Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Wear safety glasses with side shields (or goggles). - Hand protection: Handle with gloves. Recommended: Wear suitable, impervious gloves. - Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Long sleeves.
Special Hazards Precautions	Wet Activated Carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered and asphyxiation may result. Whenever workers enter a vessel containing activated carbon, the oxygen content should be determined and work procedures for potentially low oxygen areas should be followed. Workers should not enter confined spaces which contain activated carbon without self-contained breathing apparatus.
Work Hygienic Practices	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 storage or re-use. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Appearance	Granules or powder
Odour	Odourless
Colour	Black
pH	No Data Available
Vapour Pressure	No Data Available
Relative Vapour Density	No Data Available
Boiling Point	No Data Available
Melting Point	3,500 °C
Freezing Point	No Data Available
Solubility	Insoluble in water
Specific Gravity	300 - 600 kg/m ³
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	No Data Available
Specific Heat	No Data Available
Molecular Weight	No Data Available
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	No Data Available
VOC Volume	No Data Available
Additional Characteristics	Dust explosion class: St 1
Potential for Dust Explosion	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
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	May burn but does not ignite readily. Activated Carbon is difficult to ignite and tends to burn slowly (smolder) without producing flame. After a fire, smoldering hotspots within the Activated Carbon may be present for a long time.
Reactions That Release Gases or Vapours	Fire/decomposition may produce irritating, toxic and/or corrosive fumes, including carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. A fire will often produce thick black smoke. Other materials adsorbed onto the carbon may also be released during combustion.
Release of Invisible Flammable Vapours and Gases	Activated Carbon which has been allowed to smolder for a long time in a confined space may accumulate carbon monoxide above its lower explosion limit.

10. STABILITY AND REACTIVITY

General Information	This product shows no reactivity under the specified conditions of storage and use. May react exothermically upon contact with strong oxidizers.
Chemical Stability	This substance is stable under the recommended handling and storage conditions.
Conditions to Avoid	Avoid generating dust. Keep away from heat and sources of ignition. Protect from humidity/dampness.
Materials to Avoid	Incompatible/reactive with strong oxidising agents, strong acids, flammable material, solvents.
Hazardous Decomposition Products	Fire/decomposition may produce irritating, toxic and/or corrosive fumes, including carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. A fire will often produce thick black smoke. Other materials adsorbed onto the carbon may also be released during combustion.
Hazardous Polymerisation	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION



General Information

Information on toxicological effects:

- Acute toxicity: Based on the physical and chemical properties of activated carbons, the absence of effects on toxicological studies and the therapeutic use of activated carbons as adsorbing agents for the treatment of acute poisoning and acute diarrhoea, it can be expected that Activated Carbon is not absorbed via the oral, dermal and inhalation routes.
- Skin corrosion/irritation: No observed effect (Rabbit) [OECD Guideline 404].
- Serious eye damage/irritation: No observed effect (Rabbit) [OECD Guideline 405].
- Respiratory/skin sensitisation: Not sensitising (Mouse) [OECD Guideline 429].
- Germ cell mutagenicity: All the key studies indicate that the substance does not show any genotoxic potential. Negative (Bacterial Reverse Mutation Assay) [OECD Guideline 471].
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT (single exposure): No data available.
- STOT (repeated exposure): No data available.
- Aspiration toxicity: No data available.

Information on possible routes of exposure:

- Ingestion: No known adverse effects; however, may cause irritation to the mouth and throat. When large amounts are ingested, congestion may occur.
 - Eye contact: Dust may have an abrasive effect causing moderate eye irritation.
 - Skin contact: May cause mechanical irritation due to abrasive nature.
 - Inhalation: Repeated or prolonged inhalation of dust may cause moderate irritation to the respiratory system. Wet activated carbon present in a confined space may produce an oxygen deficient atmosphere and presents a risk of asphyxiation to persons entering those areas.
- Chronic effects: No information available.

Acute**Ingestion**

Acute toxicity (Oral):

- LD50, Rat: >2,000 mg/kg [OECD Guideline 423].

Inhalation

Acute toxicity (Inhalation):

- LC50, Rat: >64.4 mg/l (dust/mist) [OECD Guideline 403].

Carcinogen Category

None

12. ECOLOGICAL INFORMATION**Ecotoxicity**

As Activated Carbon is insoluble in water, no toxicity is expected.

Persistence/Degradability

Activated Carbon - HDS type is a refractory material and not amenable to break down by any natural chemical or enzymatic processes.

Mobility

No information available.

Environmental Fate

Prevent entry into drains and waterways.

Bioaccumulation Potential

The substance has a very low potential to bioaccumulate in aquatic species.

Environmental Impact

No Data Available

13. DISPOSAL CONSIDERATIONS**General Information**

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Special Precautions for Land Fill

Spent (used) activated carbon may be classified as a hazardous waste depending upon its use, the substance(s) adsorbed, and how it is ultimately managed. Follow applicable regulations for disposal.

14. TRANSPORT INFORMATION

Land Transport (Australia)

ADG Code

Proper Shipping Name	Activated Carbon
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	223
Comments	NON-DANGEROUS GOODS: Not regulated for LAND transport. *when tested it does not meet the established defining criteria for Class 4.2 self-heating substances as reflected in the UN Manual of Tests and Criteria (§ 33.3.1.3.3).

Sea Transport

IMDG Code

Proper Shipping Name	Activated Carbon
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	223; 925
EMS	No Data Available
Marine Pollutant	No
Comments	NON-DANGEROUS GOODS: Not regulated for SEA transport. *when tested it does not meet the established defining criteria for Class 4.2 self-heating substances as reflected in the UN Manual of Tests and Criteria (§ 33.3.1.3.3); or carbons made by a steam activation process.

Air Transport

IATA DGR

Proper Shipping Name	Activated Carbon
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	A3 (223)
Comments	NON-DANGEROUS GOODS: Not regulated for AIR transport. *when tested it does not meet the established defining criteria for Class 4.2 self-heating substances as reflected in the UN Manual of Tests and Criteria (§ 33.3.1.3.3).

National Transport Commission (Australia)

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



SAFETY DATA SHEET ACTIVATED CARBON (NON-DG) REVISION 6, DATE 12 APR 2022

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

National/Regional Inventories

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

Additional Information

IMPORTANT TRANSPORT INFORMATION: Product is classified as UN1362, Dangerous Goods Classification 4.2 (Substances liable to spontaneous combustion). However, this product has been tested and it does not meet the established defining criteria for the UN classification 4.2, therefore following special provisions apply to the below listed international transport regulations: ROAD/RAIL TRANSPORT: Special Provision 223 (ADG7) SEA TRANSPORT : Special Provisions 223, 925 (IMDG 34) AIR TRANSPORT : Special provision A3 (DGR 2009, 50th Edition)

16. OTHER INFORMATION

Related Product Codes

ACCARB0001, ACCARB0002, ACCARB0003, ACCARB0004, ACCARB0005, ACCARB0006, ACCARB0100, ACCARB0101, ACCARB0120, ACCARB0124, ACCARB0125, ACCARB0200, ACCARB0201, ACCARB0250, ACCARB0300, ACCARB0301, ACCARB0310, ACCARB0325, ACCARB0400, ACCARB0401, ACCARB0410, ACCARB0440, ACCARB0450, ACCARB0451, ACCARB0452, ACCARB0455, ACCARB0460, ACCARB0470, ACCARB0500, ACCARB0501, ACCARB0510, ACCARB0525, ACCARB0600, ACCARB0605, ACCARB0612, ACCARB0700, ACCARB0701, ACCARB0707, ACCARB0710, ACCARB0725, ACCARB0800, ACCARB0801, ACCARB0820, ACCARB0825, ACCARB0840, ACCARB0850, ACCARB0880, ACCARB0890, ACCARB0900, ACCARB0901, ACCARB0905, ACCARB1000, ACCARB1001, ACCARB1002, ACCARB1003, ACCARB1004, ACCARB1005, ACCARB1006, ACCARB1007, ACCARB1008, ACCARB1009, ACCARB1010, ACCARB1011, ACCARB1012, ACCARB1013, ACCARB1014, ACCARB1015, ACCARB1016, ACCARB1019, ACCARB1100, ACCARB1101, ACCARB1140, ACCARB1145, ACCARB1150, ACCARB1152, ACCARB1154, ACCARB1155, ACCARB1156, ACCARB1158, ACCARB1165,



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ACCARB1190, ACCARB1195, ACCARB1200, ACCARB1201, ACCARB1225, ACCARB1250, ACCARB1255, ACCARB1283, ACCARB1290, ACCARB1291, ACCARB1300, ACCARB1301, ACCARB1302, ACCARB1303, ACCARB1325, ACCARB1326, ACCARB1335, ACCARB1350, ACCARB1400, ACCARB1401, ACCARB1450, ACCARB1500, ACCARB1501, ACCARB1502, ACCARB1503, ACCARB1505, ACCARB1600, ACCARB1700, ACCARB1701, ACCARB1800, ACCARB1801, ACCARB1802, ACCARB1803, ACCARB1804, ACCARB1805, ACCARB1900, ACCARB1901, ACCARB2000, ACCARB2001, ACCARB2021, ACCARB2022, ACCARB2023, ACCARB2050, ACCARB2100, ACCARB2200, ACCARB2201, ACCARB2202, ACCARB2300, ACCARB2301, ACCARB2400, ACCARB2401, ACCARB2402, ACCARB2500, ACCARB2501, ACCARB2502, ACCARB2503, ACCARB2510, ACCARB2515, ACCARB2516, ACCARB2517, ACCARB2518, ACCARB2519, ACCARB2520, ACCARB2530, ACCARB2591, ACCARB2600, ACCARB2700, ACCARB2800, ACCARB2900, ACCARB3000, ACCARB3001, ACCARB3002, ACCARB3003, ACCARB3100, ACCARB3101, ACCARB3200, ACCARB3205, ACCARB3210, ACCARB3300, ACCARB3301, ACCARB3302, ACCARB3500, ACCARB3501, ACCARB3600, ACCARB3601, ACCARB3602, ACCARB3603, ACCARB3650, ACCARB3670, ACCARB3680, ACCARB3700, ACCARB3701, ACCARB3705, ACCARB3735, ACCARB3850, ACCARB3900, ACCARB4000, ACCARB4001, ACCARB4002, ACCARB4010, ACCARB4020, ACCARB4030, ACCARB4031, ACCARB4034, ACCARB4040, ACCARB4050, ACCARB4060, ACCARB4061, ACCARB4100, ACCARB4101, ACCARB4141, ACCARB4200, ACCARB4201, ACCARB4300, ACCARB4301, ACCARB4400, ACCARB4401, ACCARB4402, ACCARB4500, ACCARB4600, ACCARB4700, ACCARB4701, ACCARB4800, ACCARB4801, ACCARB5000, ACCARB5010, ACCARB5100, ACCARB5200, ACCARB5300, ACCARB5500, ACCARB5550, ACCARB5555, ACCARB5600, ACCARB5700, ACCARB5701, ACCARB5800, ACCARB5801, ACCARB5900, ACCARB5901, ACCARB5902, ACCARB6000, ACCARB6100, ACCARB6200, ACCARB6201, ACCARB6250, ACCARB6283, ACCARB6300, ACCARB6400, ACCARB6500, ACCARB6600, ACCARB6601, ACCARB6700, ACCARB6701, ACCARB6800, ACCARB6801, ACCARB6900, ACCARB6901, ACCARB6902, ACCARB7000, ACCARB7100, ACCARB7101, ACCARB7200, ACCARB7201, ACCARB7300, ACCARB7301, ACCARB7400, ACCARB7401, ACCARB7402, ACCARB7425, ACCARB7450, ACCARB7500, ACCARB7501, ACCARB7600, ACCARB7601, ACCARB7700, ACCARB7701, ACCARB7800, ACCARB7801, ACCARB7900, ACCARB7901, ACCARB8000, ACCARB8001, ACCARB8002, ACCARB8003, ACCARB8004, ACCARB8025, ACCARB8050, ACCARB8100, ACCARB8101, ACCARB8102, ACCARB8105, ACCARB8200, ACCARB8201, ACCARB8300, ACCARB8301, ACCARB8302, ACCARB8303, ACCARB8400, ACCARB8401, ACCARB8420, ACCARB8450, ACCARB8455, ACCARB8500, ACCARB8501, ACCARB8502, ACCARB8525, ACCARB8585, ACCARB8600, ACCARB8601, ACCARB8602, ACCARB8700, ACCARB8701, ACCARB8800, ACCARB8801, ACCARB8850, ACCARB8851, ACCARB8852, ACCARB9000, ACCARB9030, ACCARB9050, ACCARB9090, ACCARB9100, ACCARB9200, ACCARB9300, ACCARB9400, ACCARB9500, ACCARB9600, ACCARB9700, ACCARB9800, ACCARB9900

Revision

6

Revision Date

12 Apr 2022

Key/Legend

< Less Than

> Greater Than

AICS Australian Inventory of Chemical Substances**atm** Atmosphere**CAS** Chemical Abstracts Service (Registry Number)**cm²** Square Centimetres**CO₂** Carbon Dioxide**COD** Chemical Oxygen Demand**deg C (°C)** Degrees Celcius**EPA (New Zealand)** Environmental Protection Authority of New Zealand**deg F (°F)** Degrees Farenheit**g** Grams**g/cm³** 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 insoluable in each other.**inHg** Inch of Mercury**inH₂O** Inch of Water**K** Kelvin**kg** Kilogram**kg/m³** 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**m³** Cubic Metre**mbar** Millibar**mg** Milligram**mg/24H** Milligrams per 24 Hours**mg/kg** Milligrams per Kilogram

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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

