

1. IDENTIFICATION

Product Name	Activated Carbon (Non-DG)
Other Names	Activated Carbon - High Density Skeleton (AC - HDS); Activated Carbon made of Coal; AquaSorb 6200; 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	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

Redox Ltd

Corporate Office Sydney Locked Bag 15 Minto NSW 2566 Australia 2 Swettenham Road Minto NSW 2566 Australia All Deliveries: 4 Holmes Road Minto NSW 2566 Australia

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Fax

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Auckland

UK

New Zealand Malaysia Kuala Lumpur Christchurch USA Los Angeles Hawke's Bay Oakland Mexico Saltillo



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 Dangero Dangerous Goods Classification	us Goods by Road & Rail (ADG Code) 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
Activated Carbon	С	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. *When large amounts are ingested, congestion may occur.
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. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult.
Advice to Doctor	Treat symptomatically. *This product in solution, if aspirated into the lungs, may cause chemical pneumonitis.
Medical Conditions Aggravated by Exposure	Medication efficiency can be reduced by the adsorbing properties of Activated Carbon.

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	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 (CO2), foam or water spray for extinction - Do NOT use a solid water stream as it may scatter and spread fire. *In the event of a fire, spreading large amounts of activated carbon is not recommended due to risk of creating
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, 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.
Special Fire Fighting Instructions	Contain runoff from fire control or dilution water - Runoff may pollute waterways.
Personal Protective Equipment	Wear positive pressure 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

5. FIRE FIGHTING 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 safe to do so - Prevent entry into waterways, drains or confined areas. Prevent dust cloud.
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.
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/m3 (measured as inhalable dust). - New Zealand WES (Particulates not otherwise classified): TWA = 10 mg/m3; TWA = 3 mg/m3 (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 Precaustions	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
рН	6 - 11 (aqueous suspension)
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	0.38 - 0.44
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	Minimum ignition temperature: 480 - 500 °C [ASTM E-1491].
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 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: All the key studies indicate that the substance does not show any genotoxic potential. *Based on the physical and chemical properties of activated carbons, the absence of effects in 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.
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).	
Land Transport (Malaysia) ADR 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	646 (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).	
Land Transport (Netherlands) ADR Code		
Proper Shipping Name	Activated Carbon (Non-DG)	
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	646 (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).	
Land Transport (New Zealand) NZS5433		
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).	

Land Transport (Sri Lanka)

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).

Land Transport (United States of America) US DOT

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	49 CFR173.124
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	Νο
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 Transmort	

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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)

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

Not Hazardous

National/Regional Inventories

Australia (AIIC)	Listed
Canada (DSL)	Not Determined
Canada (NDSL)	Not Determined
China (IECSC)	Not Determined
Europe (EINECS)	Not Determined
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
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 provisons 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, 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, ACCARB0840, ACCARB0850, 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, ACCARB1165, 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, 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, ACCARB8600, ACCARB8601, ACCARB8602, ACCARB8700, ACCARB8701, ACCARB8800, ACCARB8801, ACCARB8850, ACCARB8851, ACCARB8852, ACCARB9000, ACCARB9030, ACCARB9050, ACCARB9090, ACCARB9100, ACCARB9200, ACCARB9300, ACCARB9400, ACCARB9500, ACCARB9600, ACCARB9700, ACCARB9800, ACCARB9900 5

01 Jan 2020

< 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/I 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 inH20 Inch of Water K Kelvin kg Kilogram kg/m³ Kilograms per Cubic Metre Ib 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. Itr or L Litre 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 mmH20 Millimetres of Water mPa.s Millipascals per Second N/A Not Applicable NIOSH National Institute for Occupational Safety and Health NOHSC National Occupational Heath 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