



SAFETY DATA SHEET PVC RESIN (ALL GRADES) REVISION 6, DATE 25 JAN 21

1. IDENTIFICATION

Product Name	PVC Resin (All Grades)
Other Names	Ethene, chloro-, homopolymer; PF741; PVC; PVC Paste Resin; PVC Resin WH1000F
Uses	Polymer; Raw material for plastic industry; industrial products, flooring, floor tiles, building materials, pipes, wires and cables, packaging films, bottles, foaming materials, sealing materials, fibers.
Chemical Family	No Data Available
Chemical Formula	(C ₂ H ₃ Cl) _n
Chemical Name	Poly(vinyl chloride)
Product Description	No Data Available

Contact Details of the Supplier of this Safety Data Sheet

Organisation	Location	Telephone
Redox Ltd	2 Swettenham Road Minto NSW 2566 Australia	+61-2-97333000
Redox Ltd	11 Mayo Road Wiri Auckland 2104 New Zealand	+64-9-2506222
Redox Inc.	3960 Paramount Boulevard Suite 107 Lakewood CA 90712 USA	+1-424-675-3200
Redox Chemicals Sdn Bhd	Level 2, No. 8, Jalan Sapir 33/7 Seksyen 33, Shah Alam Premier Industrial Park 40400 Shah Alam Sengalor, Malaysia	+60-3-5614-2111

Emergency Contact Details

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

Organisation	Location	Telephone
Poisons Information Centre	Westmead NSW	1800-251525 131126
Chemcall	Australia	1800-127406 +64-4-9179888
Chemcall	Malaysia	+64-4-9179888
Chemcall	New Zealand	0800-243622 +64-4-9179888
National Poisons Centre	New Zealand	0800-764766
CHEMTREC	USA & Canada	1-800-424-9300 CN723420 +1-703-527-3887

2. HAZARD IDENTIFICATION

Poisons Schedule (Aust)

Not Scheduled

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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E-mail sydney@redox.com
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ABN 92 000 762 345

Australia
Adelaide
Brisbane
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Perth
Sydney
New Zealand
Auckland
Christchurch
Hawke's Bay
UK
London
Malaysia
Kuala Lumpur
USA
Los Angeles
Oakland
Mexico
Saltillo



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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3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	Formula	CAS Number	Proportion
Poly(vinyl chloride)	(C ₂ H ₃ Cl) _x	9002-86-2	<=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 you feel unwell.
Eye	IF IN EYES: Do not rub 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. *Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention. In case of contact with hot/molten product, immerse or flood affected area with cold water for 10 - 15 minutes. Do not forcibly remove solidified product or clothing if adhering to skin. Obtain immediate medical care.
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.
Medical Conditions Aggravated by Exposure	No information available.

5. FIRE FIGHTING MEASURES

General Measures	Alert Fire Brigade and tell them location and nature of hazard. If safe to do so, remove containers from path of fire. Do NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location.
Flammability Conditions	May burn but does not ignite readily. Not considered a significant fire risk, however containers may burn.
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. Use extinguishing media suitable for surrounding area.

*There is no restriction on the type of extinguisher which may be used.

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.
Hazardous Products of Combustion	Fire may produce irritating, corrosive and/or toxic gases, including Carbon monoxide, Hydrogen chloride, Phosgene gas. Under certain fire conditions, traces of other toxic gases cannot be excluded.
Special Fire Fighting Instructions	Collect contaminated fire fighting water separately. It must not enter the sewage system.
Personal Protective Equipment	Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
Flash Point	391 °C
Lower Explosion Limit	125 g/m ³
Upper Explosion Limit	No Data Available
Auto Ignition Temperature	435 °C
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. Clean up all spills immediately. Avoid dust formation. Avoid breathing dust and contact with eyes, skin and clothing.
Clean Up Procedures	Use dry clean up procedures and avoid generating dust. Sweep, shovel or vacuum up (consider explosion-proof machines designed to be grounded during storage and use). Recover product wherever possible. Put residues in labelled containers for disposal (see SECTION 13). *Do NOT use air hoses for cleaning.
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 spillage from entering drains, sewers or watercourses. If contamination of drains or waterways occurs, advise emergency services.
Evacuation Criteria	Spill or leak area should be isolated immediately. Clear area of personnel and move upwind.
Personal Precautionary Measures	Control personal contact with the substance, by using protective equipment and dust respirator (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. 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. Use personal protective equipment as required (see SECTION 8). WARNING: Dust can combine with air to form an explosive mixture. Keep away from ignition sources - No smoking. Protect against electrostatic charges.
Storage	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Protect containers against physical damage and check regularly for leaks. Keep away from heat and sources of ignition - No smoking. Keep away from food/feedstuffs and incompatible materials (see SECTION 10).
Container	Keep in the original container.

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:
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- 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).
- Emergency Limits for Polyvinyl chloride:
- TEEL-1: 3 mg/m³; TEEL-2: 33 mg/m³; TEEL-3: 200 mg/m³

Exposure Limits	No Data Available
Biological Limits	No information available.
Engineering Measures	A system of local and/or general exhaust is recommended to keep employee exposures 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.
Personal Protection Equipment	- Respiratory protection: Wear respiratory protection in case of inadequate ventilation and/or under conditions of frequent use or heavy exposure. Recommended: Particulate (refer to AS/NZS 1715 & 1716). - Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses with side shields; Chemical goggles. - Hand protection: Handle with gloves. Recommended: polychloroprene, nitrile rubber, butyl rubber, fluorocautchouc, polyvinyl chloride. Gloves should be examined for wear and/or degradation regularly. - Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Overalls.
Special Hazards Precautions	No information available.
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	Powder
Odour	Odourless
Colour	White or yellow
pH	No Data Available
Vapour Pressure	No Data Available
Relative Vapour Density	No Data Available
Boiling Point	No Data Available
Melting Point	75 °C
Freezing Point	No Data Available
Solubility	Insoluble in water
Specific Gravity	ca. 1.4
Flash Point	391 °C
Auto Ignition Temp	435 °C
Evaporation Rate	No Data Available
Bulk Density	No Data Available
Corrosion Rate	No Data Available
Decomposition Temperature	80 °C
Density	ca. 1.4 g/cm ³
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	No information available.
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. Not considered a significant fire risk, however containers may burn.
Reactions That Release Gases or Vapours	Fire/decomposition may produce irritating, corrosive and/or toxic gases, including Carbon monoxide, Hydrogen chloride, Phosgene gas. Under certain fire conditions, traces of other toxic gases cannot be excluded.
Release of Invisible Flammable Vapours and Gases	May emit flammable vapour if involved in fire.

10. STABILITY AND REACTIVITY

General Information	No decomposition if used according to specifications.
Chemical Stability	This material is stable under recommended storage and handling conditions.
Conditions to Avoid	To avoid thermal decomposition do not overheat. Keep away from sources of ignition. Take precautionary measures against static discharge.
Materials to Avoid	Incompatible/reactive with oxidising agents, Fluorine (Fluor).
Hazardous Decomposition Products	Fire/decomposition may produce irritating, corrosive and/or toxic gases, including Carbon monoxide, Hydrogen chloride, Phosgene gas. Under certain fire conditions, traces of other toxic gases cannot be excluded.
Hazardous Polymerisation	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

General Information	Information on possible routes of exposure: - Ingestion: May produce gastrointestinal tract discomfort, nausea and vomiting. In an occupational setting, ingestion of insignificant quantities is not thought to be cause for concern. - Eye contact: Direct contact with the eye may cause transient discomfort characterised by tearing or conjunctival redness. Slight abrasive damage may also result. The material may produce foreign body irritation. - Skin contact: The material is not thought to produce adverse health effects or skin irritation following contact. - Inhalation: The material is not thought to produce adverse health effects or irritation of the respiratory tract. Chronic effects: Long-term exposure to the product is not thought to produce chronic effects adverse to health. Polyvinyl chloride (CAS No. 9002-86-2) is classified by the IARC Monographs in Group 3 - Not classifiable as to its carcinogenicity to humans. *When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
Carcinogen Category	None

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available.
Persistence/Degradability	No information available.
Mobility	No information available.
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.
Special Precautions for Land Fill	Bury residue in an authorised landfill. Recycle containers if possible, or dispose of in an authorised landfill.

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

ADG Code

Proper Shipping Name	PVC Resin (All Grades)
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 LAND transport.

Land Transport (Malaysia)

ADR Code

Proper Shipping Name	PVC Resin (All Grades)
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 LAND transport.

Land Transport (New Zealand)

NZS5433

SAFETY DATA SHEET PVC RESIN (ALL GRADES) REVISION 6, DATE 25 JAN 21

Proper Shipping Name	PVC Resin (All Grades)
Class	No Data Available
Subsidiary Risk(s)	No Data Available
	No Data Available
UN Number	No Data Available
Hazchem	No Data Available
Pack Group	No Data Available
Special Provision	No Data Available
Comments	NON-DANGEROUS GOODS: Not regulated for LAND transport.

Land Transport (United States of America)

US DOT

Proper Shipping Name	PVC Resin (All Grades)
Class	No Data Available
Subsidiary Risk(s)	No Data Available
	No Data Available
UN Number	No Data Available
Hazchem	No Data Available
Pack Group	No Data Available
Special Provision	No Data Available
Comments	NON-DANGEROUS GOODS: Not regulated for LAND transport.

Sea Transport

IMDG Code

Proper Shipping Name	PVC Resin (All Grades)
Class	No Data Available
Subsidiary Risk(s)	No Data Available
UN Number	No Data Available
Hazchem	No Data Available
Pack Group	No Data Available
Special Provision	No Data Available
EMS	No Data Available
Marine Pollutant	No
Comments	NON-DANGEROUS GOODS: Not regulated for SEA transport.

Air Transport

IATA DGR

Proper Shipping Name	PVC Resin (All Grades)
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)
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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 Assessed
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National/Regional Inventories

Australia (AIIIC)	Listed
Canada (DSL)	Listed
Canada (NDSL)	Not Determined
China (IECSC)	Listed
Europe (EINECS)	Not Determined
Europe (REACH)	Not Determined
Japan (ENCS/METI)	Listed
Korea (KECI)	Listed
Malaysia (EHS Register)	Not Determined
New Zealand (NZIoC)	Listed
Philippines (PICCS)	Listed
Switzerland (Giftliste 1)	Not Determined
Switzerland (Inventory of Notified Substances)	Not Determined
Taiwan (NCSR)	Listed
USA (TSCA)	Listed

16. OTHER INFORMATION

Related Product Codes	PVCPAA1000, PVCPAA1001, PVCPAA1002, PVCPAA1003, PVCPAA1004, PVCPAA1005, PVCPAA1006, PVCPAA1100, PVCPAA1101, PVCPAA1200, PVCPAA3000, PVCPAA3010, PVCPAA3050, PVCPAA7300, PVCPAA7400, PVCPAA7401, PVCPAA7402, PVCPAA7403, PVCPAA7410, PVCPAA7600, PVCPAB1000, PVCPAB1001, PVCPAB1002, PVCPAB1003, PVCPAB1004, PVCPAB1005, PVCPAB1006, PVCPAB1007, PVCPAB1008, PVCPAB1009, PVCPAB1010, PVCPAB1011,
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SAFETY DATA SHEET PVC RESIN (ALL GRADES) REVISION 6, DATE 25 JAN 21

PVCPAB1100, PVCPAB2000, PVCPAB2001, PVCPAB2100, PVCPAB2101, PVCPAB2200, PVCPAB2201, PVCPAB2500, PVCPAB3000, PVCPAB3050, PVCPAB3100, PVCPAB3500, PVCPAC1000, PVCPAC1001, PVCPAC1002, PVCPAC1003, PVCPAC1004, PVCPAC1005, PVCPAC1006, PVCPAC1007, PVCPAC1008, PVCPAC1009, PVCPAC1010, PVCPAC1100, PVCPAC1200, PVCPAC1300, PVCPAC1400, PVCPAC1500, PVCPAC2000, PVCPAC2100, PVCPAC2101, PVCPAC2200, PVCPAC2201, PVCPAC2300, PVCPAC2301, PVCPAC2400, PVCPAC2401, PVCPAC2500, PVCPAC2501, PVCPAC2600, PVCPAC2601, PVCPAC2800, PVCPAC3000, PVCPAC3050, PVCPAC3100, PVCPAC4000, PVCPAC4100, PVCPAC4200, PVCPAC4300, PVCPAC4500, PVCPAD1000, PVCPAD1001, PVCPAD1002, PVCPAD1003, PVCPAD1004, PVCPAD1100, PVCPAD1200, PVCPAD1300, PVCPAD2000, PVCPAD2001, PVCPAD2100, PVCPAD2101, PVCPAD2500, PVCPAD2600, PVCPAD2700, PVCPAD2800, PVCPAD2900, PVCPAD3000, PVCPAD3050, PVCPAD3100, PVCPAD3200, PVCPAD3300, PVCPAD4000, PVCPAE1000, PVCPAE1001, PVCSUA0300, PVCSUA0400, PVCSUA0500, PVCSUA0600, PVCSUA0800, PVCSUA1000, PVCSUA1001, PVCSUA1002, PVCSUA1003, PVCSUA1004, PVCSUA1005, PVCSUA1006, PVCSUA1007, PVCSUA1008, PVCSUA1009, PVCSUA1010, PVCSUA1011, PVCSUA1012, PVCSUA1013, PVCSUA1014, PVCSUA1015, PVCSUA1016, PVCSUA1017, PVCSUA1018, PVCSUA1019, PVCSUA1020, PVCSUA1021, PVCSUA1022, PVCSUA1023, PVCSUA1024, PVCSUA1025, PVCSUA1026, PVCSUA1027, PVCSUA1028, PVCSUA1029, PVCSUA1030, PVCSUA1031, PVCSUA1032, PVCSUA1033, PVCSUA1100, PVCSUA1200, PVCSUA1300, PVCSUA1400, PVCSUA1500, PVCSUA2000, PVCSUA2001, PVCSUA2100, PVCSUA2200, PVCSUA2300, PVCSUA2500, PVCSUA2600, PVCSUA2700, PVCSUA3050, PVCSUB0100, PVCSUB0101, PVCSUB0102, PVCSUB0200, PVCSUB0300, PVCSUB0500, PVCSUB0800, PVCSUB0900, PVCSUB0901, PVCSUB1000, PVCSUB1001, PVCSUB1002, PVCSUB1003, PVCSUB1004, PVCSUB1005, PVCSUB1007, PVCSUB1008, PVCSUB1009, PVCSUB1010, PVCSUB1011, PVCSUB1012, PVCSUB1013, PVCSUB1014, PVCSUB1015, PVCSUB1016, PVCSUB1017, PVCSUB1018, PVCSUB1019, PVCSUB1020, PVCSUB1021, PVCSUB1022, PVCSUB1023, PVCSUB1024, PVCSUB1025, PVCSUB1026, PVCSUB1027, PVCSUB1028, PVCSUB1029, PVCSUB1030, PVCSUB1031, PVCSUB1032, PVCSUB1033, PVCSUB1034, PVCSUB1035, PVCSUB1036, PVCSUB1037, PVCSUB1038, PVCSUB1039, PVCSUB1040, PVCSUB1041, PVCSUB1042, PVCSUB1043, PVCSUB1044, PVCSUB1045, PVCSUB1046, PVCSUB1047, PVCSUB1048, PVCSUB1049, PVCSUB1100, PVCSUB1200, PVCSUB1300, PVCSUB1400, PVCSUB1500, PVCSUB1600, PVCSUB1700, PVCSUB1800, PVCSUB1900, PVCSUB2000, PVCSUB2100, PVCSUB2200, PVCSUB2300, PVCSUB2400, PVCSUB2500, PVCSUB3000, PVCSUB3050, PVCSUB3400, PVCSUB3500, PVCSUB3501, PVCSUB4000, PVCSUB4001, PVCSUB4100, PVCSUB4500, PVCSUB5000, PVCSUB5500, PVCSUB5600, PVCSUB5700, PVCSUB6000, PVCSUB6001, PVCSUB6100, PVCSUB6200, PVCSUB7000, PVCSUB8000, PVCSUB8100, PVCSUB8200, PVCSUB8300, PVCSUB8500, PVCSUB9000, PVCSUB9500, PVCSUC0300, PVCSUC0500, PVCSUC0800, PVCSUC1000, PVCSUC1001, PVCSUC1002, PVCSUC1003, PVCSUC1004, PVCSUC1005, PVCSUC1006, PVCSUC1007, PVCSUC1008, PVCSUC1009, PVCSUC1010, PVCSUC1011, PVCSUC1012, PVCSUC1013, PVCSUC1014, PVCSUC1015, PVCSUC1016, PVCSUC1017, PVCSUC1018, PVCSUC1019, PVCSUC1020, PVCSUC1021, PVCSUC1022, PVCSUC1023, PVCSUC1024, PVCSUC1025, PVCSUC1026, PVCSUC1027, PVCSUC1028, PVCSUC1029, PVCSUC1030, PVCSUC1031, PVCSUC1100, PVCSUC1200, PVCSUC1300, PVCSUC1400, PVCSUC1500, PVCSUC1600, PVCSUC1700, PVCSUC2000, PVCSUC2100, PVCSUC2200, PVCSUC2500, PVCSUC2700, PVCSUC2800, PVCSUC2900, PVCSUC3050, PVCSUC3500, PVCSUC3600, PVCSUD1000, PVCSUD1001, PVCSUD1002, PVCSUD1003, PVCSUD1004, PVCSUD1005, PVCSUD1006, PVCSUD1007, PVCSUD1008, PVCSUD1009, PVCSUD1010, PVCSUD1011, PVCSUD1012, PVCSUD1013, PVCSUD1014, PVCSUD1015, PVCSUD1016, PVCSUD1017, PVCSUD1018, PVCSUD1019, PVCSUD1020, PVCSUD2000, PVCSUD3000, PVCSUD3050, PVCSUD3100, PVCSUE1000, PVCSUE1001, PVCSUE1002, PVCSUE1003, PVCSUE1004, PVCSUE1005, PVCSUE1006, PVCSUE1007, PVCSUE1008, PVCSUE1009, PVCSUE1010, PVCSUE1011, PVCSUE1012, PVCSUE1013, PVCSUE1014, PVCSUE1015, PVCSUE1016, PVCSUE1017, PVCSUE1018, PWCSUS1000, PWCSUS1200, PWCSUS1201, PWCSUS1205, PWCSUS1400, PWCSUS1405, PWCSUS1410, PWCSUS1415, PWCSUS1420, PWCSUS1425, PWCSUS1428, PWCSUS1430, PWCSUS1435, PWCSUS1436, PWCSUS1438, PWCSUS1440, PWCSUS1445, PWCSUS1448, PWCSUS1700, PWCSUS1701, PWCSUS1702, PWCSUS1703, PWCSUS1704, PWCSUS1705, PWCSUS1706, PWCSUS1707, PWCSUS1708, PWCSUS1709, PWCSUS1710, PWCSUS1711, PWCSUS1712, PWCSUS1713, PWCSUS1714, PWCSUS1715, PWCSUS1716, PWCSUS1717, PWCSUS1718, PWCSUS1719, PWCSUS1720, PWCSUS1721, PWCSUS1722, PWCSUS1723, PWCSUS1724, PWCSUS1725, PWCSUS1726, PWCSUS1727, PWCSUS1728, PWCSUS1729, PWCSUS1730, PWCSUS1731, PWCSUS1732, PWCSUS1733, PWCSUS1734, PWCSUS1735, PWCSUS1736, PWCSUS1737, PWCSUS1738, PWCSUS1739, PWCSUS1740, PWCSUS1741, PWCSUS1742, PWCSUS1743, PWCSUS1744, PWCSUS1745, PWCSUS1746, PWCSUS1747, PWCSUS1748, PWCSUS1749, PWCSUS1750, PWCSUS1756, PWCSUS1800, PWCSUS1801, PWCSUS1802, PWCSUS1803, PWCSUS1805, PWCSUS1806, PWCSUS1807, PWCSUS1808, PWCSUS1810, PWCSUS1811, PWCSUS1812, PWCSUS1813, PWCSUS1815, PWCSUS1816, PWCSUS1817, PWCSUS1818, PWCSUS1820, PWCSUS1821, PWCSUS1823, PWCSUS1824, PWCSUS2100, PWCSUS2101

Revision

6

Revision Date

25 Jan 2021

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 Fahrenheit

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 insoluble 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

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