

**Section 1 - Identification of The Material and Supplier**

<b>Product Name:</b>	<b>RESILIENCE BY BUCHANAN TURF</b>
<b>Other Names</b>	Calcium dinitrate, tetrahydrate
<b>Product Use:</b>	A multi-coloured granular fertiliser for soil application.
<b>Chemical Family:</b>	No Data Available
<b>Chemical Formula:</b>	Ca(NO <sub>3</sub> ) <sub>2</sub> .4H <sub>2</sub> O
<b>Chemical Name:</b>	Nitric acid, calcium salt, tetrahydrate
<b>Product Description:</b>	No Data Available

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

<b>Organisation</b>	<b>Location</b>	<b>Telephone</b>
Redox Ltd	2 Swettenham Road Minto NSW 2566 Australia	+61-2-97333000
Redox Ltd	11 Mayo Road Wiri Auckland 2104 New Zealand	+64-9-2506222
Redox Inc.	3960 Paramount Boulevard Suite 107 Lakewood CA 90712 USA	+1-424-675-3200
Redox Chemicals Sdn Bhd	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**

<b>Organisation</b>	<b>Location</b>	<b>Telephone</b>
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

**Section 2 - Hazards Identification**

<b>Poisons Schedule (Aust)</b>	Not Scheduled
<b>Hazard Classification</b>	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

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**Hazard Categories**

Oxidising Solids - Category 3  
 Acute Toxicity (Oral) - Category 4  
 Serious Eye Damage/Irritation - Category 2A

**Pictograms****Signal Word**

Warning

**Hazard Statements**

**H272** May intensify fire; oxidizer.  
**H302** Harmful if swallowed.  
**H319** Causes serious eye irritation.

**Precautionary Statements**

Prevention	<b>P270</b>	Do not eat, drink or smoke when using this product.
	<b>P210</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	<b>P220</b>	Keep/Store away from clothing/combustible materials.
	<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection.
Response	<b>P370 + P378</b>	In case of fire: Use water for extinction.
	<b>P337 + P313</b>	If eye irritation persists: Get medical advice/attention.
	<b>P330</b>	Rinse mouth.
	<b>P305 + P351 + P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	<b>P301 + P312</b>	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Disposal	<b>P501</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

**National Transport Commission (Australia)**

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

**Dangerous Goods Classification**

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

**Environmental Protection Authority (New Zealand)**

Hazardous Substances and New Organisms Amendment Act 2015

**HSNO Classifications**

Physical Hazards	<b>5.1.1C</b>	Oxidising substances that are liquids or solids: low hazard
Health Hazards	<b>6.1D</b>	Substances that are acutely toxic - Harmful
	<b>6.4A</b>	Substances that are irritating to the eye

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**Section 3 - Composition/Information on Ingredients****Ingredients**

Chemical Entity	Formula	CAS Number	Proportion
Calcium nitrate, tetrahydrate	Ca(NO <sub>3</sub> ) <sub>2</sub> .4H <sub>2</sub> O	13477-34-4	>=98 - 100 %

**Section 4 - First Aid Measures****Description of necessary measures according to routes of exposure**

<b>Swallowed</b>	IF SWALLOWED: Rinse mouth. Call a Poison Centre or doctor/physician for advice. Never give anything by mouth to an unconscious person.
<b>Eye</b>	IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Get medical advice/attention.
<b>Skin</b>	IF ON SKIN: Wash off immediately with plenty of soap and water while removing all contaminated clothes and shoes. 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. Call a Poison Centre or doctor/physician for advice. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.
<b>Advice to Doctor</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Treat symptomatically. Keep victim calm and warm - Obtain immediate medical care. Ensure that attending medical personnel are aware of identity and nature of the product(s) involved, and take precautions to protect themselves.
<b>Medical Conditions Aggravated by Exposure</b>	No information available.

**Section 5 - Fire Fighting Measures**

<b>General Measures</b>	If safe to do so, move undamaged containers from fire area. Do not move cargo if cargo has been exposed to heat. Cool containers with flooding quantities of water until well after fire is out – If impossible, withdraw from area and let fire burn. Avoid getting water inside containers - a violent reaction may occur. Dam fire control water for later disposal.
<b>Flammability Conditions</b>	OXIDISING SUBSTANCE: Will accelerate burning when involved in a fire. Not combustible; Has a fire-promoting effect due to release of oxygen. May ignite combustibles.
<b>Extinguishing Media</b>	If material is involved in a fire, use flooding quantities of water for extinction – Do not use dry chemicals, Carbon dioxide (CO <sub>2</sub> ) or foam. Large fire: Flood fire area with water from a protected position.
<b>Fire and Explosion Hazard Risk</b>	if violent reaction or explosion! May explode from heating, shock, friction or contamination. May intensify fire; oxidizer.
<b>Hazardous Products of Combustion</b>	Ambient fire may liberate hazardous vapours. Fire/decomposition may cause evolution of nitrous gases, nitrogen oxides.
<b>Special Fire Fighting Instructions</b>	Contain runoff from fire control or dilution water - Runoff may pollute waterways; Runoff may create fire or explosion hazard.

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<b>Personal Protective Equipment</b>	Wear self-contained breathing apparatus (SCBA) and chemical splash suit. Structural firefighter's uniform will provide limited protection.
<b>Flash Point</b>	132 °C
<b>Lower Explosion</b>	Limit No Data Available
<b>Upper Explosion</b>	Limit No Data Available
<b>Auto Ignition Temperature</b>	No Data Available
<b>Hazchem Code</b>	1Z

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**Section 6 - Accidental Release Measures**

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<b>General Response Procedure</b>	Ensure adequate ventilation, especially in confined areas. Do not contaminate - Keep combustibles away from spilled material. ELIMINATE all ignition sources - Prevent exposure to heat. Do not touch or walk through spilled material - Slippery when spilt! Avoid accidents, clean up immediately. Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing.
<b>Clean Up Procedures</b>	Use clean, non-sparking tools to transfer material to a suitable container for reclamation or disposal (see SECTION 13). Move container from spill area.
<b>Containment</b>	Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas. Use water spray to knock down vapours or divert vapour clouds.
<b>Decontamination</b>	Small amounts of residue may be flushed to sewer with plenty of water.
<b>Environmental Precautionary Measures</b>	Spillages and decontamination runoff should be prevented from entering drains and watercourses.
<b>Evacuation Criteria</b>	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground. Large spill: Immediately contact Police or Fire Brigade; Consider initial downwind evacuation of areas within at least 100m.
<b>Personal Precautionary Measures</b>	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (see SECTION 8).

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**Section 7 - Handling and Storage**

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<b>Handling</b>	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. The substance must not be present at workplaces in quantities above that required for work to be progressed. 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). <b>OXIDISING SUBSTANCE:</b> Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Do not contaminate. Use leak-proof equipment with exhaust for refilling or transfer.
<b>Storage</b>	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed - Do not leave container open. Protect from moisture - Substance is hygroscopic. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Keep away from clothing and combustible materials, foodstuffs and other incompatible materials (see

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**Container** SECTION 10).  
Keep in the original container. Containers of this material may be hazardous when empty since they retain product residues; Observe all warnings and precautions listed for the product.

**Section 8 - Exposure Controls and Personal Protection**

**General** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. For dusts from solid substances without specific occupational exposure standards:  
- Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m<sup>3</sup> (measured as inhalable dust).  
- New Zealand WES (Particulates not otherwise classified): TWA = 10 mg/m<sup>3</sup>; TWA = 3 mg/m<sup>3</sup> (respirable dust).

**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: In case of inadequate ventilation or in an emergency (e.g. unintentional release of substance), respiratory protection must be worn. Recommended: Particle filter P2 or P3 (refer to AS/NZS 1715 & 1716).  
- Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Wear glasses with side protection.  
- Hand protection: Handle with gloves. Recommended: Natural rubber/Natural latex (NR) (0.5 mm), Polychloroprene (CR) (0.5 mm), Nitrile rubber/Nitrile latex (NBR) (0.35 mm), Butyl rubber (Butyl) (0.5 mm), Fluoro carbon rubber (FKM) (0.4 mm), Polyvinyl chloride (PVC) (0.5 mm).  
- Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Depending on the risk, wear a tight, long apron and boots or suitable chemical protection clothing.

**Special Hazards** No information available.

**Precautions**

**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. Take care to maintain clean working place. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

**Section 9 - Physical and Chemical Properties:**

**Physical State** Solid

**Appearance** Crystals

**Odour** Odourless

**Colour** White

**pH** 5.0 - 7.0 at 20 °C

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<b>Vapour Pressure</b>	No Data Available
<b>Relative Vapour Density</b>	No Data Available
<b>Boiling Point</b>	132 °C
<b>Melting Point</b>	45 °C
<b>Freezing Point</b>	No Data Available
<b>Solubility</b>	No Data Available
<b>Specific Gravity</b>	1.86
<b>Flash Point</b>	132 °C
<b>Auto Ignition Temp</b>	No Data Available
<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>	No Data Available
<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>	No Data Available
<b>Volatile Percent</b>	No Data Available
<b>VOC Volume</b>	No Data Available
<b>Additional Characteristics</b>	Protect from moisture - Substance is hygroscopic.
<b>Potential for Dust Explosion</b>	No information available.
<b>Fast or Intensely Burning Characteristics</b>	Risk if violent reaction or explosion! May explode from heating, shock, friction or contamination. May intensify fire; oxidizer.
<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>	No information available.
<b>Properties That May Initiate or Contribute to Fire Intensity</b>	OXIDISING SUBSTANCE: Will accelerate burning when involved in a fire. Not combustible; Has a fire-promoting effect due to release of oxygen. May ignite combustibles.
<b>Reactions That Release Gases or Vapours</b>	Ambient fire may liberate hazardous vapours. Fire/decomposition may cause evolution of nitrous gases, nitrogen oxides.

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**Release of Invisible Flammable Vapours and Gases** Release of oxygen at temperatures above 130 °C.

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**Section 10 - Stability and Reactivity**

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<b>General Information</b>	Risk of explosion in contact with organic substances, ammonium nitrate/combustible liquids, metals in the form of powder, ammonium compounds.
<b>Chemical Stability</b>	Stable at room temperature in closed containers under normal storage and handling conditions.
<b>Conditions to Avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not contaminate.
<b>Materials to Avoid</b>	Incompatible/reactive with reducing agents, combustible substances.
<b>Hazardous Decomposition Products</b>	Fire/decomposition may cause evolution of nitrous gases, nitrogen oxides. *Release of oxygen at temperatures above 130 °C.
<b>Hazardous Polymerisation</b>	Hazardous polymerisation will not occur.

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**Section 11 - Toxicological Information**

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<b>General Information</b>	<ul style="list-style-type: none"><li>- Acute toxicity: Harmful if swallowed. May cause abdominal pain, blue lips or fingernails, blue skin, confusion, convulsions, dizziness, headache, nausea, unconsciousness.</li><li>- Skin corrosion/irritation: Non-irritating to the skin.</li><li>- Eye damage/irritation: Causes serious eye irritation; Redness.</li><li>- Respiratory/skin sensitisation: No sensitization responses were observed.</li><li>- Germ cell mutagenicity: No information available.</li><li>- Carcinogenicity: Nitrate or nitrite (ingested) under conditions that result in endogenous nitridation is classified by the IARC Monographs as "possibly carcinogenic to humans" (Group 2A).</li><li>- Reproductive toxicity: No information available.</li><li>- STOT (single exposure): Inhalation may cause cough, sore throat.</li><li>- STOT (repeated exposure): No information available.</li><li>- Aspiration toxicity: No information available.</li></ul>
<b>Acute Ingestion</b>	Acute toxicity (Oral): <ul style="list-style-type: none"><li>- LD50, Rat: 3,900 mg/kg</li></ul>
<b>Carcinogen Category</b>	None

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**Section 12 - Ecological Information**

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<b>Ecotoxicity</b>	Aquatic toxicity: <ul style="list-style-type: none"><li>- LC50, Fish (<i>Poecilia reticulata</i>): 1,378 mg/l (96 h).</li><li>- EC50, Crustacea (<i>Daphnia magna</i>): 490 mg/l (48 h).</li><li>- EC50, Algae/aquatic plants (Benthic diatoms): 1,700 mg/l (10 d).</li></ul>
<b>Persistence/Degradability</b>	No information available.
<b>Mobility</b>	No information available.
<b>Environmental Fate</b>	Do not let product enter drains. Discharge into the environment must be avoided.
<b>Bioaccumulation Potential</b>	No information available.
<b>Environmental Impact</b>	No Data Available

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**Section 13 - Disposal Considerations**

<b>General Information</b>	Dispose of contents/container in accordance with local/regional/national regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options.
<b>Special Precautions for Land Fill</b>	Contaminated packaging: Containers of this material may be hazardous when empty since they retain product residues; Observe all warnings and precautions listed for the product.

**Section 14 - Transport Information****Land Transport (Australia)**

ADG Code

<b>Proper Shipping Name</b>	CALCIUM NITRATE
<b>Class</b>	5.1 Oxidising Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	31 Oxidizing Substances
<b>UN Number</b>	1454
<b>Hazchem</b>	1Z
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Land Transport (Indonesia)**

<b>Proper Shipping Name</b>	CALCIUM NITRATE
<b>Class</b>	5.1 Oxidising Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	31 Oxidizing Substances
<b>UN Number</b>	1454
<b>Hazchem</b>	1Z
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Land Transport (Malaysia)**

ADR Code

<b>Proper Shipping Name</b>	CALCIUM NITRATE
<b>Class</b>	5.1 Oxidising Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	31 Oxidizing Substances
<b>UN Number</b>	1454
<b>Hazchem</b>	1Z
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Land Transport (New Zealand)**

NZS5433

<b>Proper Shipping Name</b>	CALCIUM NITRATE
<b>Class</b>	5.1 Oxidising Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>EPG</b>	31 Oxidizing Substances

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Issued by: Buchanan Turf Supplies

Phone: 02 4930 0159 (office hours)

**Poisons Information Centre: 13 1126 from anywhere in Australia**

<b>UN Number</b>	1454
<b>Hazchem</b>	1Z
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

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

US DOT

<b>Proper Shipping Name</b>	CALCIUM NITRATE
<b>Class</b>	5.1 Oxidising Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>ERG</b>	140 Oxidizers
<b>UN Number</b>	1454
<b>Hazchem</b>	1Z
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**Sea Transport**

IMDG Code

<b>Proper Shipping Name</b>	CALCIUM NITRATE
<b>Class</b>	5.1 Oxidising Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>UN Number</b>	1454
<b>Hazchem</b>	1Z
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available
<b>EMS</b>	F-A, S-Q
<b>Marine Pollutant</b>	No

**Air Transport**

IATA DGR

<b>Proper Shipping Name</b>	CALCIUM NITRATE
<b>Class</b>	5.1 Oxidising Substances
<b>Subsidiary Risk(s)</b>	No Data Available
<b>UN Number</b>	1454
<b>Hazchem</b>	1Z
<b>Pack Group</b>	III
<b>Special Provision</b>	No Data Available

**National Transport Commission (Australia)**

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

<b>Dangerous Goods Classification</b>	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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**Section 15 - Regulatory Information**

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<b>General Information</b>	No Data Available
<b>Poisons Schedule (Aust)</b>	Not Scheduled

**Environmental Protection Authority (New Zealand)**

Hazardous Substances and New Organisms Amendment Act 2015

<b>Approval Code</b>	HSR002570 HSR003543 (Revoked)
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**Poisons Information Centre: 13 1126 from anywhere in Australia**

**National/Regional Inventories**

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

**Section 16 - Other Information****Related Product Codes**

CANITR0100, CANITR0200, CANITR0300, CANITR0400, CANITR0401, CANITR0500, CANITR0502, CANITR0503, CANITR0700, CANITR0800, CANITR1000, CANITR1001, CANITR1002, CANITR1003, CANITR1004, CANITR1005, CANITR1006, CANITR1007, CANITR1008, CANITR1009, CANITR1010, CANITR1011, CANITR1012, CANITR1013, CANITR1014, CANITR1015, CANITR1016, CANITR1017, CANITR1018, CANITR1019, CANITR1100, CANITR1107, CANITR1108, CANITR1110, CANITR1200, CANITR1201, CANITR1215, CANITR1217, CANITR1300, CANITR1500, CANITR1802, CANITR1803, CANITR1804, CANITR1805, CANITR1806, CANITR1807, CANITR1808, CANITR1809, CANITR1900, CANITR2200, CANITR2201, CANITR2202, CANITR2204, CANITR2205, CANITR2500, CANITR2501, CANITR2600, CANITR2900, CANITR3000, CANITR3001, CANITR3002, CANITR3003, CANITR3004, CANITR3005, CANITR3006, CANITR3100, CANITR3200, CANITR3300, CANITR3501, CANITR3502, CANITR3700, CANITR3800, CANITR3900, CANITR4000, CANITR4001, CANITR4300, CANITR4301, CANITR4302, CANITR4600, CANITR4800, CANITR4900, CANITR5100, CANITR5200, CANITR5300, CANITR5400, CANITR5500, CANITR5800, CANITR5801, CANITR5900, CANITR5901, CANITR6300, CANITR6500, CANITR6900, CANITR7000, CANITR7500, CANITR8000, CANITR8001, CANITR8002, CANITR8900, CANITR9000, CANITR9400, CANITR9600, CANITR9700, CANITR9800, CANITR9900, CANITR9901, CANITR9902

**Revision**

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**Revision Date**

22 Sep 2019

**Key/Legend**

<	Less Than
>	Greater Than
<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

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<b>CO2</b>	Carbon Dioxide
<b>COD</b>	Chemical Oxygen Demand
<b>deg C (°C)</b>	Degrees Celsius
<b>EPA (NZ)</b>	Environmental Protection Authority of New Zealand
<b>deg F (°F)</b>	Degrees Fahrenheit
<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 insoluble in each other.
<b>inHg</b>	Inch of Mercury
<b>inH2O</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>LC50</b>	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.
<b>LD50</b>	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.
<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.
<b>mm</b>	Millimetre
<b>mmH2O</b>	Millimetres of Water
<b>mPa.s</b>	Millipascals per Second
<b>N/A</b>	Not Applicable
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>Oz</b>	Ounce
<b>PEL</b>	Permissible Exposure Limit
<b>Pa</b>	Pascal
<b>ppb</b>	Parts per Billion
<b>ppm</b>	Parts per Million
<b>ppm/2h</b>	Parts per Million per 2 Hours
<b>ppm/6h</b>	Parts per Million per 6 Hours
<b>psi</b>	Pounds per Square Inch
<b>R</b>	Rankine
<b>RCP</b>	Reciprocal Calculation Procedure

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<b>STEL</b>	Short Term Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>tne</b>	Tonne
<b>TWA</b>	Time Weighted Average
<b>ug/24H</b>	Micrograms per 24 Hours
<b>UN</b>	United Nations
<b>wt</b>	Weight

**SAFETY DATA SHEET**