

## 1. PRODUCT & COMPANY IDENTIFICATION

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Product Identification/Name:</b> | TRICLO Herbicide                                                                                                |
| <b>Alternative Name:</b>            | 600g/L triclopyr as the butoxy ethyl ester in the form of an emulsifiable concentrate                           |
| <b>Product Use:</b>                 | Herbicide                                                                                                       |
| <b>Company Identification:</b>      | Rainbow & Brown Limited<br>68A Tallyho Street, Rotorua, New Zealand<br>PO Box 10049, Mail Centre, Rotorua, 3046 |
| <b>Telephone:</b>                   | +64 7 350 2009                                                                                                  |
| <b>Toll-Free Phone:</b>             | 0508 299 299                                                                                                    |
| <b>After Hours Emergency</b>        | +64 27 498 2574                                                                                                 |
| <b>National Poisons Centre</b>      | 0800 764 766                                                                                                    |
| <b>CHEMCALL Emergency Response</b>  | 0800 CHEMCALL (0800 243 622)<br>24,7 365 days a year                                                            |
| <b>Website:</b>                     | <a href="http://www.rainbowbrown.co.nz">www.rainbowbrown.co.nz</a>                                              |
| <b>Date of Issue:</b>               | 18 January 2019                                                                                                 |
| <b>Latest Revision Date:</b>        | 17 February 2025                                                                                                |
| <b>Expiry Date:</b>                 | 17 February 2030                                                                                                |

## 2. HAZARD IDENTIFICATION

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| <b>EPA Approval No:</b> | HSR000829                                                                           |
| <b>Pictograms:</b>      |  |
| <b>Signal Word:</b>     | <b>WARNING</b>                                                                      |

| GHS Classification & Category  | HSNO Classification | Hazard Code | Hazard Statement                    |
|--------------------------------|---------------------|-------------|-------------------------------------|
| Acute toxicity oral Category 4 | 6.1D                | H302        | Harmful if swallowed                |
| Eye Irritation Category 2      | 6.4A                | H319        | Causes serious eye irritation       |
| Skin sensitisation Category 1  | 6.5B                | H317        | May cause an allergic skin reaction |

|                                                                        |      |      |                                                                                     |
|------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|
| Specific target organ systemic toxicity (repeated exposure) Category 2 | 6.9B | H373 | May cause damage to liver, kidneys and blood through prolonged or repeated exposure |
| Aquatic toxicity (acute) Category 1                                    | 9.1A | H400 | Very toxic to aquatic life                                                          |
| Aquatic toxicity (chronic) Category 1                                  | 9.1A | H410 | Very toxic to aquatic life with long-lasting effects                                |
| Hazardous to soil organisms                                            | 9.2A | H421 | Very toxic to soil environment                                                      |
| Hazardous to terrestrial vertebrates                                   | 9.3C | H433 | Harmful to terrestrial vertebrates                                                  |

| Prevention Code | Prevention Statement                                                  |
|-----------------|-----------------------------------------------------------------------|
| P102            | Keep out of reach of children                                         |
| P103            | Read label before use                                                 |
| P260            | Do not breathe spray mist                                             |
| P264            | Wash hands and face thoroughly after handling                         |
| P270            | Do not eat, drink or smoke when using this product                    |
| P272            | Contaminated work clothing should not be allowed out of the workplace |
| P273            | Avoid release to the environment                                      |
| P280            | Wear protective clothing, eye protection and gloves.                  |

| Response Code      | Response Statement                                                                                                              |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|
| P101               | If medical advice is needed, have product container or label at hand                                                            |
| P301 + P312        | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                                                                              |
| P330               | Rinse mouth                                                                                                                     |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
| P337 + P313        | If eye irritation persists; Get medical advice/attention                                                                        |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water                                                                                  |
| P333 + P313        | If skin irritation or rash occurs: get medical advice/attention                                                                 |
| P363               | Wash contaminated clothing before reuse                                                                                         |
| P314               | Get medical advice/attention if you feel unwell.                                                                                |
| P391               | Collect spillage                                                                                                                |

| Storage Code | Storage Statement |
|--------------|-------------------|
| -            | -                 |

| Disposal Code | Disposal Statement                                                                                          |
|---------------|-------------------------------------------------------------------------------------------------------------|
| P501          | In accordance with the EPA Hazardous Substances (Disposal) Notice 2017.<br>Refer to Section 13 of this SDS. |

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient                             | CAS Number | Concentration (%w/w) |
|----------------------------------------|------------|----------------------|
| Triclopyr Butoxyethyl Ester            | 64700-56-7 | 60%                  |
| Diethylene glycol monoethyl ether      | 111-90-0   | 10-30%               |
| Ingredients not contributing to hazard |            | Balance              |

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

### 4. FIRST-AID MEASURES

|                          |                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact:</b>      | Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Remove contact lenses after first 5 minutes if present and easy to do, the continue rinsing. Get medical advice/assistance if irritation persists. |
| <b>Skin:</b>             | Remove contaminated clothing. Wash gently and thoroughly with plenty of water (use non-abrasive soap if necessary). Do not scrub the skin. Get medical advice/attention if irritation occurs. Wash contaminated clothing before re-use.                                                                                                                               |
| <b>Ingestion:</b>        | If swallowed, do NOT induce vomiting. Rinse mouth with water. Contact a Poisons Information Centre or call a doctor.                                                                                                                                                                                                                                                  |
| <b>Inhalation:</b>       | No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air, and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.                                                                                                              |
| <b>General:</b>          | Call the National Poisons Centre (0800 POISON, 0800 764 766) for advice if you feel unwell or have been exposed and are concerned. Have product label or SDS at hand.                                                                                                                                                                                                 |
| <b>Advice to Doctor:</b> | No specific antidote. Ingestion may cause damage to liver, kidneys and blood through prolonged or repeated exposure damage. Treat symptomatically.                                                                                                                                                                                                                    |

## 5. FIRE-FIGHTING MEASURES

|                                      |                                                                                                                                                                                |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flash Point:</b>                  | 95°C                                                                                                                                                                           |
| <b>Flammable Limits:</b>             | Not flammable or combustible                                                                                                                                                   |
| <b>Extinguishing Media:</b>          | Water spray, dry chemical, alcohol resistant foam, CO <sub>2</sub>                                                                                                             |
| <b>Fire &amp; Explosion Hazards:</b> | Not a fire or explosion hazard. Toxic fumes and irritating vapours may be produced in a fire. Containers may burst when exposed to high temperatures due to pressure build-up. |
| <b>Fire Fighting Equipment:</b>      | Use self-contained breathing apparatus.                                                                                                                                        |
| <b>Fire Fighting Instructions:</b>   | Do not allow runoff to drains.                                                                                                                                                 |
| <b>Hazchem Code:</b>                 | 2X                                                                                                                                                                             |

## 6. ACCIDENTAL RELEASE MEASURES

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions:</b> | Clear area of all unprotected personnel. Keep people upwind of fire.<br>Use appropriate protective clothing and equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Spills:</b>               | <p>In the event of a major spill, prevent spillage from entering drains or water courses.</p> <p>Wear full protective clothing including eye/face protection. All skin areas should be covered. Refer to Section 8 for personal protective equipment.</p> <p>If vapours or mists are likely to build up in the clean-up area, we recommend to use a respirator. Usually, no respirator is necessary when using this product.</p> <p>Stop leak if safe to do so and contain spill. Collect liquid spills. Absorb small spills and residues with sand, vermiculite, or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways.</p> <p>Sweep up and shovel or collect contaminated solids into labelled containers for recycling or salvage and dispose of promptly.</p> <p>After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services.</p> <p>Ensure legality of disposal by consulting regulations prior to disposal.</p> |

## 7. HANDLING AND STORAGE

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | <p>Read label before use.</p> <p>Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.</p> <p>Refer to Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed.</p> <p>The measures detailed below under "Storage" should be followed during handling to minimise risks to persons using the product in the workplace.</p> |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                 |                                                                                                                                                                                                                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.                                                                                                                                                                                  |
| <b>Storage:</b> | Keep out of reach of children. Store in accordance with the current version of NZS 8409 Management of Agrichemicals. Store securely in original container tightly closed, away from foodstuffs and animal feed. Secondary containment, signage and an emergency response plan are required where 100 L or more of this product are stored. |

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

| Exposure Guidelines:           | Ingredient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CAS Number | TWA (mg/m <sup>3</sup> ) | STEL (mg/m <sup>3</sup> ) |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------|---------------------------|
|                                | Triclopyr Butoxyethyl Ester                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 64700-56-7 | Not set                  | Not set                   |
|                                | <p>WorkSafe's 13<sup>th</sup> edition of WES and BEI values, published April 2022.</p> <p>The WES TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.</p> |            |                          |                           |
| <b>Engineering Controls:</b>   | No special engineering controls or ventilation requirements are normally necessary for this product. However, make sure that the work environment remains clean, and that vapours and spray mists are minimised.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                          |                           |
| <b>Personal Protection:</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                          |                           |
| <b>Respiratory Protection:</b> | Usually, no respirator is necessary when using this product. However, if you have any doubts refer to standard AS/NZ 1715 for appropriate equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                          |                           |
| <b>Skin Protection:</b>        | Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using. Use impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types. Protective clothing be made from the following materials: rubber, PVC. Refer to Standard AS 2161, AS2919 and AS.NZ2210.                                                                                                                                                                                                                                                                                                                               |            |                          |                           |
| <b>Eye Protection:</b>         | Protective glasses or goggles should be worn when this product is being used. Emergency eye wash facilities are also recommended in an area close to where this product is being used. Refer to standard AS.NZ1337.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                          |                           |
| <b>Dust:</b>                   | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                          |                           |
| <b>General advice:</b>         | Eyebaths or eyewash stations and safety deluge showers should be provided near to where this product is being used. Do not eat, drink or smoke while using. Wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing daily after work. Launder contaminated clothing separately from household laundry.                                                                                                                                                                                                                                                                                                                     |            |                          |                           |

## 9. PHYSICAL & CHEMICAL PROPERTIES

|                                                     |                                           |
|-----------------------------------------------------|-------------------------------------------|
| <b>Appearance:</b>                                  | Light amber liquid                        |
| <b>Odour:</b>                                       | Mild ester odour                          |
| <b>Odour Threshold:</b>                             | Not determined                            |
| <b>pH:</b>                                          | 6-7 (10% solution)                        |
| <b>Boiling Point:</b>                               | Not available                             |
| <b>Melting Point:</b>                               | Not available                             |
| <b>Freezing Point:</b>                              | Not available                             |
| <b>Flash Point:</b>                                 | 95°C                                      |
| <b>Flammability:</b>                                | Not flammable or combustible              |
| <b>Upper/Lower Flammability or Exposure Limits:</b> | Not applicable                            |
| <b>Vapour Pressure:</b>                             | Triclopyr: $3.6 \times 10^{-6}$ Pa @ 25°C |
| <b>Vapour Density:</b>                              | Not available                             |
| <b>Specific Gravity:</b>                            | 1.200 g/mL @ 20°C                         |
| <b>Water Solubility:</b>                            | Emulsifiable                              |
| <b>Partition Coefficient:</b>                       | Not determined                            |
| <b>Auto-ignition Temperature:</b>                   | Not determined                            |
| <b>Decomposition Temperature:</b>                   | Not available                             |
| <b>Kinematic Viscosity:</b>                         | Not determined                            |
| <b>Particle Characteristics:</b>                    | Property does not apply                   |

## 10. STABILITY & REACTIVITY

|                                          |                                                                                                         |
|------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Stability:</b>                        | Stable under normal conditions                                                                          |
| <b>Reactivity:</b>                       | Not reactive under normal conditions of use                                                             |
| <b>Conditions to Avoid:</b>              | No special requirements                                                                                 |
| <b>Incompatibility:</b>                  | Avoid strong oxidisers, strong acids and bases. Keep away from food, feedstuffs, seeds and fertilisers. |
| <b>Hazardous Decomposition Products:</b> | Oxides of carbon and nitrogen, hydrogen chloride gas may be formed                                      |
| <b>Hazardous Polymerisation:</b>         | Will not occur                                                                                          |

## 11. TOXOLOGICAL INFORMATION

| ACUTE EFFECTS:             |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| Oral Toxicity:             | LD <sub>50</sub> approx. 1200 mg/kg, by calculation. Harmful if swallowed.              |
| Dermal Toxicity:           | Not expected to be harmful by skin contact. Mild skin irritant.                         |
| Inhalation Toxicity:       | Not expected to be harmful by inhalation under normal conditions of use.                |
| Eye Corrosion/Irritation:  | Irritating to eyes.                                                                     |
| Skin Corrosion/Irritation: | Skin sensitiser. May cause an allergic skin reaction on prolonged or repeated exposure. |
| CHRONIC EFFECTS:           |                                                                                         |
| Carcinogenicity:           | None known                                                                              |
| Reproductive Toxicity:     | None known                                                                              |
| Germ Cell Mutagenicity:    | None known                                                                              |
| Aspiration:                | None known                                                                              |
| STOT/SE:                   | None known                                                                              |
| STOT/RE:                   | May cause damage to liver, kidneys and blood through prolonged or repeated exposure     |

## 12. ECOLOGICAL INFORMATION

|                                     |                                                                                                                              |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity (aquatic & terrestrial) | Very toxic to aquatic life with long lasting effects<br>Very toxic to soil environment<br>Harmful to terrestrial vertebrates |
| Persistence & Degradability         | Not readily biodegradable                                                                                                    |
| Ecotoxicity Information             | LC/EC <sub>50</sub> < 1mg/L<br>Soil DT <sub>50</sub> > 30 days                                                               |
| Bioaccumulation                     | Not bioaccumulative                                                                                                          |
| Mobility in soil                    | Not available                                                                                                                |
| Other adverse effects               | Not available                                                                                                                |

### 13. DISPOSAL CONSIDERATIONS

|                            |                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal Method:</b>    | Do not dispose of product down drains or sewers.<br>Triple rinse container and add rinsate to the spray tank where practical to do so.<br>Dispose of product only by using in accordance with label directions, or through Agrecovery Chemical Recovery Service or alternative approved programs. |
| <b>Container Disposal:</b> | Triple rinse empty container and add rinsate to spray tank. Do not burn containers.<br>Crush or puncture and bury in a suitably approved landfill or through Agrecovery recycling service.<br>                   |

### 14. TRANSPORT INFORMATION

This product is classified as a Dangerous Good for transport in NZ; NZS 5433:2012

|                                        |                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------|
| <b>Dangerous Goods Classification:</b> | 3082                                                                              |
| <b>Shipping Name:</b>                  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Triclopyr butoxyethyl ester) |
| <b>Class:</b>                          | 9                                                                                 |
| <b>UN Number:</b>                      | 3082                                                                              |
| <b>Packaging group:</b>                | III                                                                               |
| <b>Hazchem Code</b>                    | 3Z                                                                                |
| <b>Marine Pollutant:</b>               | Yes                                                                               |

### 15. REGULATORY INFORMATION

All of the significant ingredients in this formulation are compliant with NICNAS regulations.

|                                       |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------|
| <b>ACVM Act 1997 Registration No:</b> | P007189                                                                               |
| <b>HSNO Approval No:</b>              | HSR000829                                                                             |
| <b>Substance description:</b>         | 600g/L triclopyr as the butoxy ethyl ester in the form of an emulsifiable concentrate |
| <b>Certified Handler:</b>             | Not required                                                                          |
| <b>Qualified Handler:</b>             | Yes                                                                                   |
| <b>Tracking:</b>                      | Not required                                                                          |



|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compliance Certificate:</b>        | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Quantity that must be secured:</b> | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Location Certificate</b>           | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Emergency Response Plan:</b>       | 100L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Secondary Containment:</b>         | 100L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Signage:</b>                       | 100L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Fire Extinguishers:</b>            | No fire extinguisher requirement specified                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Record-keeping :</b>               | Yes if 3kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, a PCBU with management or control of the substance must ensure that a written record is kept of each application of the substance.                                                                                                                                                                                                         |
| <b>Training requirements:</b>         | All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance in accordance with Clause 4.5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017. In addition, any person preparing the product for application must be a qualified loader, contractor, or person as applicable. Refer to EPA Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4, Subpart C. |
| <b>Other regulatory requirements:</b> | The substance must not be applied into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Avoid release into the environment other than for its intended use.<br><br>Refer to <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for HSR000829 controls and Hazardous Substances Property Controls) Notice 2017.                                                                      |

## 16. OTHER INFORMATION

### Glossary

|                        |                                          |
|------------------------|------------------------------------------|
| <b>AEL</b>             | Acceptable Exposure Limit                |
| <b>DT<sub>50</sub></b> | Time (days) for 50% loss                 |
| <b>EC<sub>50</sub></b> | Median effective concentration           |
| <b>EEL</b>             | Environmental Exposure Limit             |
| <b>EPA</b>             | Environment Protection Authority         |
| <b>GHS</b>             | Globally Harmonised System               |
| <b>HSNO</b>            | Hazardous Substances & New Organisms Act |
| <b>Koc</b>             | Organic carbon partition coefficient     |
| <b>LFL</b>             | Lower Flammability Limit                 |

|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>LC<sub>50</sub></b> | Lethal Concentration in air or water for 50% of test organisms                                                                          |
| <b>LD<sub>50</sub></b> | Lethal Dose for 50% of test organisms                                                                                                   |
| <b>NOEL</b>            | No Observable Effect Level                                                                                                              |
| <b>OSHA</b>            | Occupational Safety & Health Administration (USA)                                                                                       |
| <b>OSH or WorkSafe</b> | WorkSafe New Zealand                                                                                                                    |
| <b>PEL</b>             | Permissible Exposure Level                                                                                                              |
| <b>Pow</b>             | Octanol water partition coefficient (ratio of concentration of a chemical in octanol and water at equilibrium and at a specified temp.) |
| <b>pH</b>              | Measure of acidity/alkalinity of a substance on a 1-14 scale (1=strong acid, 14 = strongly alkali)                                      |
| <b>STEL</b>            | Short Term Exposure Limit                                                                                                               |
| <b>TEL</b>             | Tolerable Exposure Limit                                                                                                                |
| <b>TLV</b>             | Threshold Limit Value – an exposure limit set by a competent authority                                                                  |
| <b>TWA</b>             | Time Weighted Average – average concentration of a chemical in air over a total exposure time (usually 8 hours)                         |
| <b>UFL</b>             | Upper Flammability Limit                                                                                                                |
| <b>WES</b>             | Workplace Exposure Standard – set by WorkSafe NZ                                                                                        |

The data in this Safety Data Sheet relates only to this product alone, and not to its use in combination with other substances or products. In such circumstances, assuming the combination is permitted (refer to product labels, and contact manufacturer if in doubt), be guided by the most hazardous of the substances involved and observe the more stringent of all hazard controls applicable to the products used.

Date of Revised Safety Data Sheet: 17 February 2025

Further Information:                      Rainbow & Brown Limited  
Toll-Free Phone (0508) 299 299