



NON-Hazardous, NON-Dangerous Goods

**1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION**

**Product name: 910-LINE ARMORSPRAY AG**

| Synonyms  | Product Code | Bar Code |
|---|--------------|----------|
| ( sell Kinetic Version 9107301K-CK)<br>000000021334 | 9107301Q-CK  |          |
| A.G FOREST GREEN                                    | 91058486-KG  |          |
| A.G YELLOW GOLD                                     | 91033617-KG  |          |
| A.G. POWDERKOTE A.G. BLACK KG                       | 91057350-KG  |          |
| A.G. POWDERKOTE AG BLACK KG                         | 91057198-KG  |          |
| A.G. POWDERKOTE AG HOLLY GREEN KG                   | 91057189-KG  |          |
| A.G. POWDERKOTE AG LIME GREEN KG                    | 91057126-KG  |          |
| A.G. POWDERKOTE AG POST RED KG                      | 91057197-KG  |          |
| A.G. POWDERKOTE AG RIPPLE ADDITIVE KG               | 91057257-KG  |          |
| A.G. POWDERKOTE AG SMOKE BLUE KG                    | 91057206-KG  |          |
| A.G. POWDERKOTE AG WHITE KG                         | 91057196-KG  |          |
| A.G. POWDERKOTE DRESS BLUE RIPPLE KG                | 91084864-KG  |          |
| A.G. POWDERKOTE HILL GREEN KG                       | 91084866-KG  |          |
| A.G. POWDERKOTE JCD GREEN KG                        | 91084619-KG  |          |
| A.G. POWDERKOTE NOTREDAME AG KG                     | 91036672-KG  |          |
| A.G. POWDERKOTE NZ POST RED KG                      | 91059803-KG  |          |
| A.G. POWDERKOTE OPALINE G32 KG                      | 91084854-KG  |          |
| A.G. POWDERKOTE SILVER GREY AG KG                   | 91057351-KG  |          |
| A.G. POWDERKOTE SUPRACOAT GREEN AG KG               | 91084352-KG  |          |
| AB GREEN  | 91097514-KG  |          |
| ABB OLIVE GREEN                                     | 91096088-KG  |          |
| AG ARCTIC WHITE                                     | 91096914-KG  |          |
| AG AZURITE CRYSTAL                                  | 91085095-KG  |          |
| AG BBQ PEWTER                                       | 91081890-KG  |          |
| AG BBQ PEWTER BASE                                  | 91081890-C   |          |
| AG BLACK RIPPLE                                     | 9109051Z-KG  |          |
| AG BLACK SATIN                                      | 9109024S-KG  |          |
| AG BP GREEN   | 9106276G-KG  |          |
| AG BP PEARL   | 9102154G-KG  |          |
| AG BRUNSWICK GREEN                                  | 9106156G-KG  |          |
| AG CLEAR  | 91081797-KG  |          |
| AG CLEAR ( change to 9121030G)                      | 9101030G-KG  |          |
| AG DESERT SAND                                      | 91094542-KG  |          |
| AG ELECTRIC COW                                     | 91096881-KG  |          |
| AG ELECTRIC COW BASE                                | 91096881-C   |          |
| AG FOREST GREEN RIPPLE                              | 9106118Z-KG  |          |
| AG FRENCH WHITE                                     | 9101124G-KG  |          |
| AG GAS ORANGE SR                                    | 9104216G-KG  |          |
| AG GHOST GREY                                       | 91057188-KG  |          |
| AG MID GREY   | 91097202-KG  |          |
| AG MOSSVALE SANDS                                   | 91033019-KG  |          |
| AG NATURAL STEEL BASE                               | 9107301Q-C   |          |
| AG PEC WHITE  | 9101126G-KG  |          |
| AG RAL 7037 SATIN                                   | 9107657S-KG  |          |
| AG RAPID RED  | 9104098G-KG  |          |
| AG SANDSTONE GREY                                   | 91058706-KG  |          |
| AG SATIN BLACK                                      | 91097257-KG  |          |
| AG SILVER 2K  | 9107362Q-KG  |          |
| AG ST ELMO'S FIRE                                   | 9107276Q-KG  |          |
| AG TRANSFORMER GREY                                 | 9107503S-KG  |          |
| AG WEDGEWOOD  | 91050279-KG  |          |

# Safety Data Sheet



|  |             |
|--|-------------|
| AG WIZARD                                | 9105250G-KG |
| ALPINE HAZE                              | 91088197-KG |
| ANTI GRAFFITI-AG SLATE GREY GLOSS        | 91088152-KG |
| ANTI GRAFFITI-AZURITE CRYSTAL RIPPLE     | 91087344-KG |
| ANTI GRAFFITI-SHADED ICE GLOSS           | 91085020-KG |
| ANTI GRAFFITI-TACTILE GLOSS              | 91088175-KG |
| APO GREY                                 | 91052260-KG |
| APO GREY                                 | 91032786-KG |
| ARMORSPRAY AG CB BUSHLAND SAT (2009)     | 9106115S-KG |
| ARMORSPRAY AG CB PALE EUC SAT            | 91084221-KG |
| ARMORSPRAY AG MIDNIGHT HAZE SAT          | 9105102S-KG |
| ARMORSPRAY BE ACS CLEAR BASE 18L         | 9109010G-KG |
| ARMORSPRAY BE ACS CLEAR BASE 4L          | 91096116-KG |
| ARMORSPRAY BE ACS DEEP BASE 18L          | 9107255S-KG |
| ARMORSPRAY BE ACS DEEP BASE 4L           | 91097511-KG |
| ARMORSPRAY BE MID TONE BASE 18L          | 91089560-KG |
| ARMORSPRAY BE MID TONE BASE 4L           | 9105137G-KG |
| ARMORSPRAY BLACK 15L                     | 9106180Q-KG |
| ARMORSPRAY DELLO BLUE 15L                | 9106058G-KG |
| ARMORSPRAY DELLO BLUE 180L               | 91097201-KG |
| ARMORSPRAY EP OFFWHITE                   | 9102037S-KG |
| ARMORSPRAY EP PERMANENT GREEN SAT        | 9106181S-KG |
| ARMORSPRAY FD ACS CLEAR BASE 18L         | 9106056G-KG |
| ARMORSPRAY FD ACS LIGHT BASE 18L         | 9106013G-KG |
| ARMORSPRAY FD ACS LIGHT BASE 4L          | 91097085-KG |
| ARMORSPRAY LEAD FREE KOMATSU YELLOW 180L | 91019143-KG |
| ARMORSPRAY PERMANENT GREEN               | 91097077-KG |
| ARMORSPRAY RAL 9010 WHITE                | 9101146G-KG |
| ARMORSPRAY RAL6029 MINT GREEN HIOPAC 15L | 91058861-KG |
| ARMORSPRAYPOLY BE DUCRYL SLD WHITE LTRS  | 91089557-KG |
| ARMOURSPRAY AG BLUE BERRY GLOSS          | 9105111G-KG |
| ASH BUS BLUE                             | 91096985-KG |
| ASH WHITE                                | 91088198-KG |
| B&W QUARTZ GREY                          | 9107388S-KG |
| B25 AQUA SATIN                           | 9105132S-KG |
| DARK AG GREEN                            | 9106112S-KG |
| DRESS BLUE RIPPLE BASE                   | 91084864-C  |
| DRESS BLUE SATIN                         | 9105130S-KG |
| EAST COAST AG GREEN BASE                 | 9106180Q-C  |
| EMECH BLUE ARMOURSPRAY                   | 91096888-KG |
| F&P WHITE GLOSS                          | 9101222G-KG |
| HAMER BLUE                               | 91097038-KG |
| HT ANTIQUE STEEL                         | 91057127-C  |
| INTERNEK METALLIC BLUE                   | 91097395-KG |
| INTERNEK METALLIC BLUE BASE              | 91097395-C  |
| IZUZU AG WHITE                           | 9101216G-KG |
| JASPER BLUE                              | 91096842-KG |
| LAWN GREEN                               | 9106126G-KG |
| LEADMAN                                  | 91088389-KG |
| LIME FIZZ GLOSS                          | 9102041G-KG |
| MAGENTA GLOSS                            | 9104093G-KG |
| MAROOCHY TEAL GLOSS                      | 9106059G-KG |
| MAZDA WHITE GLOSS                        | 91089578-KG |
| MESH BLACK AG SATIN                      | 91084548-KG |
| MIGHTY RIVER                             | 91096951-KG |
| MILTON MOON                              | 9107493G-KG |
| MIST GREEN                               | 91081882-KG |
| NATURAL STEEL CLINIKILL KINETIC          | 9107301K-CK |
| NEW RODEO WHITE                          | 91089735-KG |
| NEW RODEO WHITE GLOSS                    | 91089577-KG |
| OLDE PEWTER                              | 91050243-KG |

# Safety Data Sheet



|   |                |               |
|---|----------------|---------------|
| PALE BLUE PMS 290C SATIN                                | 9105069S-KG    |               |
| PALM GREEN SATIN  | 9106135S-KG    |               |
| PAN BLUE  | 9105232S-KG    |               |
| PAN GREY  | 9107495S-KG    |               |
| PARCHMENT Y43   | 91088196-KG    |               |
| PATROL WHITE  | 91082549-KG    |               |
| PEC AG TITANIA  | 9102100G-KG    |               |
| PELLET CHARCOAL BASE                                    | 9109035Q-C     |               |
| PELLET CHARCOAL METALLIC                                | 9109035Q-KG    |               |
| POWDERS AG YELLOW SOUTH HANDLE SCYLLA                   | 9102194Z-20KGS | 9300611546166 |
| POWDERS AMOURSpray AG AG POTTERY SATIN                  | 9103133S-20KGS | 9300611522610 |
| POWDERS ANTI GRAFFITI CHARCOAL GLOSS 20KG               | 9109010G-20KGS | 9300611351357 |
| POWDERS ANTI GRAFFITI WHITE BIRCH RIPPLE 20KG           | 91088699-20KGS | 9300611319937 |
| POWDERS ARMORSpray ANTIGRAFFITI BLK 20KG                | 9109024S-20KGS | 9400513180458 |
| POWDERS ARMORSpray ANTIGRAFFITI BRIDGE GREY N44 SAT     | 9107447S-20KGS | 9300611524614 |
| POWDERS ARMORSpray ANTIGRAFFITI CB BUSHLAND SATIN       | 9106115S-20KGS | 9300611476906 |
| POWDERS ARMORSpray ANTIGRAFFITI CHARCOAL SAT            | 9109141S-20KGS | 9300611529145 |
| POWDERS ARMORSpray ANTIGRAFFITI DRESS BLUE SAT          | 9105130S-20KGS | 9300611483058 |
| POWDERS ARMORSpray ANTIGRAFFITI DRESS BLUE SCYLLA       | 9105269Z-20KGS | 9300611544674 |
| POWDERS ARMORSpray ANTIGRAFFITI MALAY GREY GL           | 9107406G-20KGS | 9300611516459 |
| POWDERS ARMORSpray ANTIGRAFFITI PANTONE GREEN 355       | 9106253G-20KGS | 9300611528339 |
| POWDERS ARMORSpray ANTIGRAFFITI RAIL HANDRAIL YELLOW    | 9102174G-20KGS | 9300611536754 |
| POWDERS ARMORSpray ANTIGRAFFITI SHALE GREY SAT          | 9107464S-20KGS | 9300611526601 |
| POWDERS ARMORSpray ANTIGRAFFITI SMOKE BLUE GL 20KG      | 9106034G-20KGS | 9300611356437 |
| POWDERS ARMORSpray ANTIGRAFFITI STORM GREY N42 GL       | 9106140G-20KGS | 9300611484994 |
| POWDERS ARMORSpray ANTIGRAFFITI STREETWISE PRESTIGE SHI | 9107483Q-20KGS | 9300611529343 |
| POWDERS ARMORSpray ANTIGRAFFITI STREETWISE SILVER       | 9107049Q-20KGS | 9300611355645 |
| POWDERS ARMORSpray ANTIGRAFFITI STREETWISE YELLOW GL    | 9102018G-20KGS | 9300611355560 |
| POWDERS ARMORSpray ANTIGRAFFITI TEAL TRIP SAT           | 9106243S-20KGS | 9300611526670 |
| POWDERS ARMORSpray ANTIGRAFFITI TPP HILL GREEN GL       | 9106294G-20KGS | 9300611541499 |
| POWDERS ARMORSpray ANTIGRAFFITI TUNA SAT                | 9107395S-20KGS | 9300611513823 |
| POWDERS ARMORSpray ANTIGRAFFITI VELOCITY GREEN GL       | 91033709-20KGS | 9300611311719 |
| POWDERS ARMORSpray ANTIGRAFFITI WHITE PRIMROSE          | 91019143-20KGS | 9300611311726 |
| PW ARMORSpray AG DRESS BLUE SCYLLA                      | 91084365-KG    |               |
| RAINFOREST GLOW GLOSS                                   | 9109009G-KG    |               |
| RAL 1016 YELLOW   | 9106057G-KG    |               |
| ROCKY ROAD  | 91097490-KG    |               |
| SEALEGS STROMBOLI ARMOURSpray                           | 91097052-KG    |               |
| SHAPE MOSS GREEN  | 9104136G-KG    |               |
| SIGNAL RED  | 9106245S-KG    |               |
| SILVER GREY   | 91088505-KG    |               |
| SILVER PEARL  | 9107448S-KG    |               |
| SILVER PEARL BASE (A)                                   | 91056960-KG    |               |
| SILVER PEARL BASE (B)                                   | 91056960-A     |               |
| SLATE G64   | 91056960-B     |               |
| SMOKE BLUE  | 91088195-KG    |               |
| SPENCER BLUE SATIN                                      | 9106034G-KG    |               |
|   | 91089595-KG    |               |

# Safety Data Sheet



**POWDER  
COATINGS**

|                            |             |
|----------------------------|-------------|
| SPRING LEAF                | 9106074G-KG |
| SPRING LEAF                | 9106029S-KG |
| STACK GLOSS                | 9107230G-KG |
| STORM GREY N42 GLOSS       | 9106140G-KG |
| STREETWISE CREAM GLOSS     | 9102017G-KG |
| STREETWISE MAROON GLOSS    | 9104021G-KG |
| STREETWISE SILVER BASE     | 9107049Q-C  |
| STREETWISE SILVER GLOSS    | 9107049Q-KG |
| STREETWISE UTE GLOSS       | 91084561-KG |
| STREETWISE YELLOW GLOSS    | 9102018G-KG |
| SUBLIMATION BEIGE          | 9103085Z-KG |
| SUPER CHEAP RED            | 9104181G-KG |
| TELECOM GREEN              | 9106028S-KG |
| TELSTRA SATURN GREEN       | 91094653-KG |
| TPP HILL GREEN GLOSS       | 9106294G-KG |
| VELOCITY CHARCOAL          | 9109024G-KG |
| VELOCITY GREEN             | 91033709-KG |
| VELOCITY SMOKE             | 91084777-KG |
| VELOCITY STORM GLOSS       | 9105022G-KG |
| WHITE BIRCH RIPPLE         | 91088699-KG |
| X53 GOLDEN TAN SATIN       | 9108126S-KG |
| YELLOW SOUTH HANDLE SCYLLA | 9102194Z-KG |
| G15 RAINFOREST GREEN       | 9106391G-KG |
| RAL 9003 SIGNAL WHITE      | 9101115G-KG |
| YARRA BEIGE GLOSS          | 9103192G-KG |

**Recommended use:** Powder coating. Applied by electrostatic spray.

**Supplier:** Dulux Powder & Industrial Coatings, a division of DuluxGroup (New Zealand) Pty Ltd  
**Company No.:** 55 133 404 118 / Co. 2355191  
**Street Address:** 150 Hutt Park Road  
Lower Hutt  
New Zealand  
**Telephone:** 0800 800 975

**Emergency Telephone number:** Australia – 1800 220 770; New Zealand – 0800 220 770

## 2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of EPA New Zealand.

### DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

## 3. COMPOSITION INFORMATION

| CHEMICAL ENTITY  | CAS NO | PROPORTION  |
|--|--------|-------------|
| Ingredients determined to be non-hazardous or below reporting limits |        | 100 % (w/w) |
|  |        | 100%        |

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye contact:** If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**PPE for First Aiders:** Wear safety shoes, overalls, gloves, safety glasses, dust mask. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Notes to physician:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Specific hazards:** Combustible material.

**Fire fighting further advice:** On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

### LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

**Dangerous Goods - Initial Emergency Response Guide No:** Not applicable

## 7. HANDLING AND STORAGE



**Handling:** Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:**

|   | TWA |       | STEL |       | NOTICES |
|---|-----|-------|------|-------|---------|
|   | ppm | mg/m3 | ppm  | mg/m3 |         |
| Particulates not otherwise classified (Respirable dust) |     | 3     |      |       |         |

As published by WorkSafe New Zealand.

WES-TWA (Workplace Exposure Standard - Time-weighted average). The average airborne concentration of a substance calculated over an eight-hour working day.

WES-Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded at any time during any part of the working day.

WES-STEL (Workplace Exposure Standard - Short-term exposure limit). The 15-minute time weighted average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Exposures at concentrations between the WES-TWA and the WES-STEL should be less than 15 minutes, should occur no more than four times per day, and there should be at least 60 minutes between successive exposures in this range.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the WorkSafe New Zealand the ingredients in this material do not have a Biological Limit Allocated.

**Engineering Measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust mask. When using this material, use explosive dust handling controls to minimise airborne dust and eliminate all ignition sources. Keep away from heat, hot surfaces, sparks and flame; prevent the build-up of static charges with appropriate earthing of equipment and personnel.

**Personal Protection Equipment:** SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES, DUST MASK.

Wear safety shoes, overalls, gloves, safety glasses, dust mask. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |   |
|---|---|
| <b>Form:</b>                            | Powder                                    |
| <b>Colour:</b>                          | Various                                   |
| <b>Odour:</b>                           | Mild, characteristic                      |
| <b>Solubility:</b>                      | N Av                                      |
| <b>Specific Gravity:</b>                | 1.1 - 1.6                                 |
| <b>Relative Vapour Density (air=1):</b> | N App                                     |
| <b>Vapour Pressure (20 °C):</b>         | N App                                     |
| <b>Flash Point (°C):</b>                | N App                                     |
| <b>Explosion/Flammability Limits:</b>   | 20 g/m <sup>3</sup> - 70 g/m <sup>3</sup> |
| <b>Autoignition Temperature (°C):</b>   | N Av                                      |
| <b>Melting Point/Range (°C):</b>        | N Av                                      |
| <b>Boiling Point/Range (°C):</b>        | N Av                                      |
| <b>pH:</b>                              | N App                                     |
| <b>Viscosity:</b>                       | N App                                     |
| <b>Total VOC (g/Litre):</b>             | N Av                                      |

(Typical values only - consult specification sheet)

N Av = Not available, N App = Not applicable

### 10. STABILITY AND REACTIVITY

**Chemical stability:** This material is thermally stable when stored and used as directed.

**Conditions to avoid:** Avoid the generation of airborne dust, ensure all potential ignition sources are eliminated, including the build-up of static charges

**Incompatible materials:** Oxidising agents.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes.

**Hazardous reactions:** Airborne dust may result in an explosion if ignited by static discharge or other sources of ignition. Keep away from heat, hot surfaces, sparks and flame.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

#### Acute Effects

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.

**Skin contact:** Contact with skin may result in irritation.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye contact:** May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May

cause physical irritation to the eyes.

## Acute toxicity

**Inhalation:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 5.0 mg/L

**Skin contact:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw

**Ingestion:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw

**Corrosion/Irritancy:** Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

**Aspiration hazard:** This material has been classified as non-hazardous.

**Specific target organ toxicity (single exposure):** This material has been classified as non-hazardous.

## Chronic Toxicity

**Mutagenicity:** This material has been classified as non-hazardous.

**Carcinogenicity:** This material has been classified as non-hazardous.

## Reproductive toxicity (including via lactation):

This material has been classified as non-hazardous.

**Specific target organ toxicity (repeat exposure):** This material has been classified as non-hazardous.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute aquatic hazard:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

**Long-term aquatic hazard:** This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log K<sub>ow</sub> < 4.

**Ecotoxicity in the soil environment:** This material has been classified as non-hazardous.

**Ecotoxicity to terrestrial vertebrates:** This material has been classified as non-hazardous.

**Ecotoxicity to terrestrial invertebrates:** This material has been classified as non-hazardous.

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available.



**Mobility:** No information available.

### 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

#### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

#### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### 15. REGULATORY INFORMATION

#### **This material is not subject to the following international agreements:**

Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persistent Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)  
Basel Convention (Hazardous Waste)  
International Convention for the Prevention of Pollution from Ships (MARPOL)

- All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

### 16. OTHER INFORMATION

Reason for issue: Minor Text Changes

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.