



# Safety Data Sheet



## Proxima®

Date of issue: 4<sup>th</sup> October, 2011

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| <b>1) Identification of Substance:</b> |   |               |
| Product name:                          | Proxima   |               |
| Active Ingredient(s):                  | 250g/litre quinoxifen   |               |
| ACVM Approval:                         | P8267   |               |
| EPA Approval Code:                     | HSR100406   |               |
| Distributed by:                        | Adria Crop Protection<br>P.O. Box 535 Kumeu 1250, Auckland<br>Ph: 09-412-9817<br>Fax: 09-412-9807<br><a href="http://www.adriacp.co.nz">www.adriacp.co.nz</a> |               |
| Emergency Number:                      | National Poisons Centre<br>0800 POISON<br>0800 764 766  |               |
| <b>2) Hazards Identification:</b>      |   |               |
| HSNO Classifications:                  | 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2D  |               |
| Risk and safety phrases:               |   |               |
| <b>3) Composition Details:</b>         |   |               |
| Chemical identity:                     | Quinoxifen  |               |
| Chemical identity of ingredients:      |   |               |
| Ingredient:                            | CAS No.:  | Content (w/v) |
| Quinoxifen (995)                       | 124495-18-7   | 251g/L        |
|  |   |               |
| <b>4) First Aid Measures:</b>          |   |               |
| General Information:                   |   |               |
| Skin contact:                          | Remove contaminated clothing and wash immediately with soap and water. Do not rub skin. Seek medical attention if irritation persists.                        |               |
| Eye contact:                           | Flush eyes immediately and continue for at least 15 minutes. Seek medical attention.  |               |
| Ingestion:                             | Do NOT induce vomiting if swallowed. Seek medical attention immediately. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766).        |               |
| Inhalation:                            | Remove to fresh air while keeping patient calm. Seek medical attention. Administer CPR if required.   |               |
| Further Information:                   | Treatment: No known specific antidote. Treat symptomatically.   |               |

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| <b>5) Fire-Fighting Measures:</b>                 |  |
| Specific hazards:                                 | Specific hazards in a fire: carbon monoxide, hydrogen fluoride, nitrogen oxides.   |
| Extinguishing media and methods:                  | Use water, foam, dry chemical, or carbon dioxide to extinguish fires.  |
| Recommended protective clothing:                  | Wear SCBA and chemical-protective clothing.  |
| <b>6) Accidental Release Measures:</b>            |  |
| Personal precautions:                             | Use protective clothing. Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately.  |
| Environmental precautions:                        | Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.   |
| Spill procedures:                                 | Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. |
| Disposal procedures:                              | Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal. Dispose of waste safely, according to local Council regulations.                    |
| <b>7) Handling &amp; Storage:</b>                 |  |
| Handling:   | Avoid contact with skin and eyes. Ventilation required. Keep away from: sparks, open flame and direct sunlight.  |
| Storage:  | Protect from temperatures above: 40 °C   |
| <b>8) Exposure Control / Personal Protection:</b> |  |
| Engineering measures:                             |  |
| Respiratory protection:                           | Wear respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles.   |
| Eye protection:                                   | Safety goggles with side-shields.  |
| Hand protection:                                  | Suitable chemical resistant safety gloves (e.g. nitrile rubber (.4mm)).  |
| Other protective equipment:                       | Body protection (chemical protection suit, boots) must be chosen depending on activity and possible exposure.  |
| General Safety & Hygiene measures:                | Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use. Wash hands and face before breaks and after work.   |

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| <b>9) Physical &amp; Chemical Properties:</b>  |  |
| Form:  | Liquid   |
| Colour:  | Creamy white   |
| Odour:   | Characteristic   |
| Melting point/boiling point:   | >100°C   |
| Density:   | 1,020g/L   |
| Surface tension:   | Not available  |
| pH:  | 8.34   |
| Flash point:   | n/a  |
| Ignition Temperature:  | n/a  |
| Explosive Limits:  | Not determined   |
| <b>10) Stability &amp; Reactivity:</b>   |  |
| Conditions to avoid:   | None determined  |
| Materials to avoid:  | Strong basic, acidic or oxidising materials  |
| Hazardous reactions:   | None under normal conditions of storage and use  |
| <b>11) Toxicological Information:</b>  |  |
| Acute oral toxicity: Based on data for similar formulation                                       | LD <sub>50</sub> rats >2,000mg/kg  |
| Acute inhalation toxicity:   | LC <sub>50</sub> for technical: >3.38mg/kg   |
| Acute dermal toxicity:   | LD <sub>50</sub> rabbits: >2,000mg/kg  |
| Skin irritation:   | Non-irritating   |
| Eye irritation:  | Non-irritating   |
| Sensitisation:   | Not a sensitiser: guinea pigs  |
| <b>12) Ecological Information:</b>   |  |
| Acute fish toxicity:   | LC <sub>50</sub> >100mg/L  |
| Toxicity for daphnia:  | EC <sub>50</sub> (48 h) 0.08 mg/l.   |
| Toxicity to algae:   | IC <sub>50</sub> <1.0 mg/L   |
| <b>13) Disposal Considerations:</b>  |  |
| Disposal:<br> | Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.   |
| Empty container precautions:   | Avoid contamination of any water supply with chemical or empty container.  |
| <b>14) Transportation Information:</b>   |  |
| Rail/road (RID/ADR):   | UN CLASS 9: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUINOXYFEN).<br>Marine Pollutant<br>Packaging Group: III<br><br> |

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| Sea (IMDG code):                   | <p>UN CLASS 9: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUINOXYFEN).<br/>         Marine Pollutant<br/>         Packaging Group: III</p>   |
| Air (ICAO/IATA):                   | <p>UN CLASS 9: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUINOXYFEN).<br/>         Marine Pollutant<br/>         Packaging Group: III</p>  |
| <b>15) Regulatory Information:</b> |   |
| Approved handlers:                 | This product must be under the care of an approved handler during wide dispersive use or when used by a commercial contractor.  |
| ACVM controls:                     | See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration conditions.   |