


# Safety Data Sheet

## Centric®

| <b>1) Identification of Substance:</b>       |  |                |
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| Product name:                                | Centric  |                |
| Active Ingredient(s):                        | 750g/kg chlorsulfuron  |                |
| ACVM Approval:                               | P7680  |                |
| EPA Approval:                                | HSR000231  |                |
| Distributed by:                              | Adria Crop Protection<br>P.O. Box 535, Kumeu 0841,<br>Auckland<br>Ph: 09-412-9817<br>Fax: 09-412-9807<br><a href="http://www.adria.nz">www.adria.nz</a>                        |                |
| Emergency Number:                            | National Poisons Centre<br>0800 POISON<br>0800 764 766   |                |
| <b>2) Hazards Identification:</b>            |  |                |
| Hazard classification:                       | This material may be harmful if swallowed, inhaled or absorbed through the skin. May cause skin irritation – avoid skin contact. May cause eye irritation – avoid eye contact. |                |
| HSNO Classifications:                        | 6.3B, 9.1A, 9.2A   |                |
| Risk and safety phrases:                     |  |                |
| <b>3) Composition Details:</b>               |  |                |
| Chemical identity:                           | Chlorsulfuron  |                |
| Chemical identity of ingredients:            |  |                |
| Ingredient:                                  | CAS No.:   | Content (%w/v) |
| Chlorsulfuron                                | 64902-72-3   | 75 %           |
| Inert ingredients not contributing to hazard |  |                |
|  |  |                |
| <b>4) First Aid Measures:</b>                |  |                |
| General Information:                         |  |                |
| Skin contact:                                | After contact with skin, wash immediately with soap and water.   |                |
| Eye contact:                                 | If product or spray enters eyes, wash out immediately and continue rinsing with clean water for at least 15 minutes. Obtain medical attention.                                 |                |
| Ingestion:                                   | If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.                                     |                |
| Inhalation:                                  | Keep patient calm. Remove to fresh air and seek medical attention.   |                |
| Further Information:                         | Treatment: Treat according to symptoms (decontamination, vital functions). No known specific antidote.   |                |

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| <b>5) Fire-Fighting Measures:</b>                 |   |
| Specific hazards:                                 | Like most organic powders or crystals, under severe dusting conditions, this material may form explosive mixtures in air.   |
| Extinguishing media and methods:                  | Water spray, dry extinguishing media  |
| Recommended protective clothing:                  | Wear SCBA and chemical-protective clothing.   |
| Hazchem Code:                                     | 2X  |
| <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:                              | Dispose of waste safely, according to local Council regulations.  |
| <b>7) Handling &amp; Storage:</b>                 |   |
| Handling:   | Avoid skin and eye contact. Avoid inhaling the vapour, or spray mist. Wash thoroughly after handling. Wash clothing after use.  |
| Storage:  | Store in the closed, original container in a dry, well ventilated area, as cool as possible out of direct sunlight and under lock and key. Keep from contact with fertilisers, fungicides and seeds.<br>Do not store with Classes 1, 2, 3.2, 4 or 5 substances. Stores containing more than 100kg of this product, either alone or in aggregate with other hazardous substances are subject to requirement of an emergency management response plan, secondary containment and signage. |
| <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 out of reach of children.<br>Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using.<br>Avoid contact with skin or eyes and inhalation of spray mist.<br>Wash hands and exposed skin after use and before meals.   |

Date of revision: February 24, 2017

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| <b>9) Physical &amp; Chemical Properties:</b>  |  |
| Form:  | Water Dispersable Granule  |
| Colour:  | Beige  |
| Odour:   | Characteristic   |
| Melting point/boiling point:   | > 150 °C   |
| Density:   | ± 0.5 g/cm <sup>3</sup>  |
| Surface tension:   | N/A  |
| pH:  | 7.0  |
| Flash point:   | > 400 °C   |
| Ignition Temperature:  | Not established  |
| Explosive Limits:  | Not explosive  |
| <b>10) Stability &amp; Reactivity:</b>   |  |
| Conditions to avoid:   | Temperature extremes   |
| Materials to avoid:  | None known at time of publishing   |
| Hazardous reactions:   | None known at time of publishing   |
| <b>11) Toxicological Information:</b>  |  |
| Acute oral toxicity:   | > 5 000 mg/kg  |
| Acute inhalation toxicity:   | Not significant under normal conditions of use and storage   |
| Acute dermal toxicity:   | > 3 000 mg/kg  |
| Skin irritation:   | Not an irritant  |
| Eye irritation:  | May cause slight irritation  |
| Sensitisation:   | Not a sensitizer   |
| <b>12) Ecological Information:</b>   |  |
| Acute fish toxicity:   | LC50 (96 h) for rainbow trout >250 mg/L  |
| Toxicity for daphnia:  | EC50 (48 h) >112 mg/L  |
| Toxicity to algae:   | EC50 50 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:   | <b>VERY TOXIC TO AQUATIC ORGANISMS.</b><br>Avoid contamination of any water supply with chemical or empty container.         |

| <b>14) Transportation Information:</b>  |  |
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| Rail/road (RID/ADR):  | <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.<br/>(Chlorsulfuron)<br/>Class 9, Packing group III, UN: 3077</p>                         |
| Sea (IMDG code):  | <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.<br/>(Chlorsulfuron)<br/>Class 9, Packing group III, UN: 3077<br/>Marine pollutant</p>    |
| Air (ICAO/IATA):  | <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.<br/>(Chlorsulfuron)<br/>Class 9, Packing group III, UN: 3077<br/>Marine pollutant</p>  |
| <b>15) Regulatory Information:</b>  |  |
| Approved handlers:  | This product must be under the care of an approved handler at all times.   |
| ACVM controls:  | See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration conditions.  |
| <b>16) Other Information</b>  |  |
| <p>For proper and safe use of this product, please refer to the approval conditions laid down on the product label.</p> <p>The data contained in this safety data sheet is based on our current knowledge and describes the product only with regard to safety requirements. The data does not describe the product's properties. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any existing laws and legislation are observed</p> |  |