



# Safety Data Sheet

**SANONDA**  
(AUSTRALIA) PTY

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Infosafe Issue Date : August 2015 ISSUED by SANONDA

Product Name **PARTI-SAN 600 Herbicide**  
Not Classified as hazardous

## 1. Identification

**GHS Product Identifier** PARTI-SAN 600 Herbicide  
**Product Code** 7091  
**Product Type** Group B Herbicide  
**Company Name** Sanonda (Australia) Pty Ltd (ABN 23 059 813 973)  
**Address** Suite 822, St Kilda Road Towers,  
No. 1 Queens Road, Melbourne,  
Victoria 3004 Australia  
**Telephone/Fax Number** Tel: +61 3 9863 8081  
Fax: +61 3 9863 8083  
**Emergency phone number** +61 3 9863 8081  
**Recommended use of the chemical and restrictions on use** For the control of gorse, broom, blackberry and other scrub and broadleaf weeds in forest site preparation, waste areas and pasture.  
**Other Information** This Safety Data Sheet describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

## 2. Hazard Identification

**GHS classification of the substance/mixture** Not classified as hazardous  
Hazard classification according to the criteria of NOHSC.  
**Signal Word (s)** Dangerous goods classification according to the Australia Dangerous Goods Code.  
Caution  
**Hazard Statement (s)** H330 Causes eye irritation.  
**General Precautionary Statement (s)** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
**Pictogram (s)**  
**Precautionary statement – Prevention** P262 Do not get in eyes, on skin, or on clothing.  
P281 Use personal protective equipment as required.  
**Precautionary statement – Response** P337 If eye irritation persists: seek medical attention.  
P352 Wash with plenty of soap and water.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P370+P378 Not combustible. Use extinguishing media suited to burning materials  
**Other Information** Poisons Schedule : Not Scheduled

## 3. Composition/information on ingredients

**Chemical Characterization** Solid  
**Ingredients**

<u>Name</u>	<u>CAS</u>	<u>Proportion, %</u>
Metsulfuron methyl	74223-64-6	60
Other ingredients (considered non-hazardous)	--	40



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## 4. First-aid measures

**Inhalation** Remove person to fresh air and keep at rest until fully recovered.

**Ingestion** The product is not likely to be hazardous by ingestion. Seek medical attention if necessary.

**Skin** Wash contaminated skin with plenty of water.  
Remove contaminated clothing and wash before re-use.

**Eye contact** Immediately irrigate with plenty of water for at least 15 minutes.  
Seek medical advice immediately.

**Advice to Doctor** No specific antidotes. Treat symptomatically.

## 5. Fire-fighting measures

**Suitable extinguishing media** Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

**Hazards from Combustion** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating.

**Special Protective Equipment for fire fighters** Full protective clothing and self-contained breathing apparatus.

**Other Information** Contain fire water.

## 6. Accidental release measures

**Spills & Disposal** Wear protective clothing. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill. Dispose of waste safely in an approved landfill.

**Personal Protection** For appropriate personal protective equipment (PPE), refer Section 8.

## 7. Handling and storage

**Precautions for Safe Handling** Avoid generating dusts while handling the product and mixing. Avoid skin and eye contact and inhalation of spray mist. APPROVED HANDLER: This product must be under the control of an approved handler if applied in a wide dispersive manner, or used by a commercial contractor.

**Conditions for safe storage, including any incompatibilities** Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertilisers and seeds. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

**Tank Cleaning**

**Other Information** See label for detailed information on cleaning/decontaminating of spray equipment.  
Always read the label and any attached leaflet before use.

## 8. Exposure controls/personal protection

**Occupational exposure limit values** No exposure limits (WES, TEL or EEL's) have been specifically assigned for this product.

**Appropriate engineering controls** Handle in well ventilated areas, generally natural ventilation is adequate.

**Respiratory Protection** Do not inhale spray mist.  
If dusts are present, wear a class P1 dust mask.

**Personal Protective Equipment** When opening the container, preparing spray and using the prepared spray wear waterproof gloves, safety goggles, cotton overalls buttoned to the neck and wrist, and boots.

**Hygiene Measures** Do not eat, drink or smoke while using.  
Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.



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After each day's use, wash contaminated clothing and safety equipment.

## 9. Physical and chemical properties

<b>Form</b>	Solid
<b>Appearance</b>	Off-white granulated solid
<b>Melting Point</b>	174 - 178 °C (technical)
<b>Solubility in Water</b>	Forms suspension in water.
<b>Specific Gravity</b>	No data
<b>Vapour Pressure</b>	Negligible at 25°C
<b>pH</b>	4.5-6.5(1% in water)
<b>Bulk density</b>	1.58+/-0.01
<b>Melting Point</b>	Not applicable.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions. Hydrolyses at pH <7.
<b>Possibility of hazardous reactions</b>	Keep away from strong acids, bases and oxidising materials.
<b>Hazardous Polymerization</b>	Hazardous polymerisation is not possible.

## 11. Toxicological Information

<b>Toxicology Information</b>	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
<b>Acute Toxicity - Oral</b>	LD50 (rats) >5000 mg/kg for metsulfuron-methyl
<b>Acute Toxicity - Dermal</b>	LD50 (rabbits) >2000 mg/kg for metsulfuron-methyl
<b>Acute Toxicity - Inhalation</b>	LC50 (rat) (4hr) >5 mg/l for metsulfuron-methyl
<b>Ingestion</b>	Low toxicity. However, swallowing large amounts of concentrate may cause nausea and vomiting.
<b>Inhalation</b>	Low toxicity through this route. May irritate throat.
<b>Skin</b>	Low toxicity through this route. Repeated dermal contact with metsulfuron methyl may cause skin irritation with itching, burning, redness, swelling or rash. Not a primary skin irritant or sensitiser.
<b>Eye</b>	May cause eye irritation with tearing, blurred vision pr pain.
<b>Chronic Effects</b>	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
<b>Other Information</b>	The Australian Acceptable Daily Intake (ADI) for chlorsulfuron for a human is 0.05 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 5 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Comm. Dept. of Health and Ageing, Office of Chemical Safety, 'ADI List', March 2014).

## 12. Ecological information

<b>Persistence and degradability</b>	Half life in soil is typically 52 days. Metsulfuron-methyl is not rapidly degradable.
<b>Other Precautions</b>	Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
<b>Environmental Protection</b>	Spray drift should be avoided, read the label for more information. Do NOT apply, drain or flush equipment on or near desirable trees.
<b>Acute Toxicity - Fish</b>	Not toxic to fish.
<b>Acute Toxicity - Daphnia</b>	LC50 (96hr) for rainbow trout is >150 mg/l for metsulfuron-methyl LC50 (48hr) for daphnia is >150 mg/l for metsulfuron-methyl.



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**Acute Toxicity - Algae** EC50 (96h) Lemna minor Duckweed 0.4µg/L for metsulfuron-methyl  
EC50 (72h) Green algae 0.45mg/L for metsulfuron-methyl

**Acute Toxicity - Other Organisms** Birds: Not toxic to birds;  
Oral LC50 Mallard duck >2,510mg/kg metsulfuron-methyl  
Dietary LC50 (8d) Bobwhite quail & Mallard Duck >5,620mg/kg for  
metsulfuron-methyl  
Bees: Non-toxic to bees;  
LD50 (oral) >44.3µg/bee; (contact) >50µg/bee for metsulfuron-methyl  
Rice: EC25 (16d) 0.00015mg/hectare

## 13. Disposal considerations

**Product Disposal** Dispose of product only by using according to the label, or at an approved landfill.

**Container Disposal** Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

## 14. Transport information

**Transport Information** It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

**Storage and Transport** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.  
For bulk shipments as Class 9, use UN 3077, HazChem code 2Z.

**UN Number (Sea Transport)** 3077

**IMO Class/Packing Group** Class 9; Packing Group III

**IMO Marine Pollutant** Marine Pollutant

**IMO Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

## 15. Regulatory information

**Poisons Schedule** Not scheduled

**Packaging & Labeling** KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**Other Information** This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA). APVMA product number: 48162.

## 16. Other Information

**Date of preparation or last revision of SDS** Revised 28/08/2015.  
This SDS replaces document dated May 2011.

**Contact Person/Point** Sanonda (Australia) Pty Ltd  
Suite 822, St Kilda Road Towers, No. 1 Queens Road, Melbourne VIC 3004  
Telephone: +61 3 9863 8081  
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**Revisions Highlighted** The SDS was reviewed to include GHS requirements.  
See information in Section 2 - Hazards Identification and Section 11 - Toxicological Information.  
...End Of MSDS...

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