


Safety Data Sheet

PRISM MAX 600 WG - Reg. No: L 8846 (Act No 36 of 1947)

Date of issue: 01/02/2012

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1) IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER.					
Product name:		PRISM MAX 600 WG			
Other means of identification:		Metsulfuron-methyl 600 WG			
Recommended use:		Herbicide			
UN No:		UN 3077			
Distributed by:		MERIDIAN AGRITECH P O BOX 436 MODDERFONTEIN TEL 011 8228509 FAX 0866901386 MOBILE: 083 400 6056 www.agritech.co.za			
Emergency Number:		POISON CENTRE (UNITAS HOSPITAL) 012 664 1100 TYGERBERG:021 931 6129 RED CROSS: 021 689 5227 RAPID SPILL RESPONSE 0800 775 3305 GRIFFON POISON CENTRE: 082 446 8946			
Chemical Name:		2-(4-methoxy060methyl-1,,3,5-triazin-2-ylcarbomoylsulfamoyl)benzoate			
2) Classification of the substance / mixture:					
Classification of the product is based on the co-formulants listed in section 3.		N – Dangerous for the environment R-phrases(s): R50-53 S-phrases(s): S60 S61			
Label elements:		Hazard Symbols  N – Dangerous for the environment.			
Flammability		Fine dust dispersed in air, particularly in confined spaces) may ignite if exposed to high temperature ignition source.			
3) Composition Details:					
Chemical name	% composition	CAS No.	EC No.	Classification according to Regulation EC 1272/2008 (CLP)	Classification according to 67/548/EEC
Metsulfuron – methyl	60%	74223-64-6	-	Aquatic Acute 1: H400 (Very toxic to aquatic life) Aquatic Chronic 1: H 410 (Very toxic to aquatic life with long-lasting effects)	N R50-53 S60 S61

4) First aid measures	
Product in eyes:	Irrigate immediately with water for at least 15 minutes.
Product on skin:	Wash off in flowing water or shower, use soap if available
Product ingested:	If more than 15 minutes from emergency medical care induce vomiting preferably using Ipecac Syrup (APF)
Product inhaled:	Remove to fresh air. Consult a physician.
Most important symptoms and effects, acute and delayed	None known
Indication of immediate medical attention and special treatment needed: Advice to physician	No specific antidote. Supportive care. Treatment based on judgement of physician in response to symptoms of patient.

5) Fire-Fighting Measures:	
Extinguishing media:	Water fog or fine spray.
Unsuitable extinguishing media	No information available
Specific fire fighting methods	Keep containers cool by spraying with water. Contain runoff to prevent entry into water or drainage systems.
Special hazards:	During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds
Protective clothing:	Wear protective clothing and use self-contained breathing apparatus.
6) Accidental Release Measures:	
Personal precautions: Wear appropriate safety clothing and eye/face protection. Environmental Precautions: Do not wash into sewers or into any body of water. Advise water authority if spillage has entered water course or drainage system.	
Cleaning procedure: Keep all bystanders away. Re-position any leaking containers so as to minimise further leakage. For product spill sweep granule concentrate into a pile. Shovel the absorbed material into drums. Decontaminate the spill area with detergent and water and rinse with water.	
Disposal: Triple rinse with water. Add rinsings to the tank mix or expose of rinsate in a disposal pit away from desirable plants and their roots and watercourses. On-site disposal of indiluted product is unacceptable. Breaking , crushing or puncturing the container to prevent reuse. Disposing of in a local authority landfill site that does not burn its refuse. If there is no local authority landfill readily available in your area bury the containers under at least 50 cm of soil at an approved disposal site. Do not burn the empty containers.	

7) Handling & Storage:	
Store in tightly sealed containers in a dry secure place away from fertilizers, seed ,feed and food. Store out of direct sunlight. Keep out of reach of children, unauthorized persons or animals.	

8) Exposure Control / Personal Protection:	
Engineering Controls :	
No special requirements. Product is used outside.	
Respiratory Protection:	
For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.	
Hand/Skin Protection:	
Wear clean, long-sleeved, body-covering clothing. Use gloves, impervious to this material when prolonged or frequently repeated contact could occur.	
For emergency conditions:	
Use protective clothing impervious to this material. Selection of specific items will depend on operation.	

Eye/Face Protection: Use safety glasses.	
9) Physical & Chemical Properties:	
Appearance:	Light brown granules
Odour	Characteristic odour
Boiling point:	Not applicable
Density:	1.58 g/kg
Odour threshold	No data available
PH:	7.0
Melting point / Freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas)	No data available
Upper/ lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density	No data available
Solubility:	Soluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature:	No data available
Viscosity:	No data available
Flammability	Fine dust dispersed in air, particularly in confined spaces) may ignite if exposed to high temperature ignition source.
10) Stability & Reactivity:	
Reactivity Stability	Not available. Stable under normal conditions. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.
Hazardous decomposition products	Heating can release vapours poisonous and corrosive fumes.
Conditions to avoid	Container should be kept on a cool, dry place.
Incompatible materials	No data available.
11) Toxicological Information:	
Acute and chronic health hazards	Ingestion Single dose oral toxicity is considered to be low. The oral LD50 for rats is >5000 mg/kg. Skin Contact The dermal LD50 for rabbits is >2000mg/kg. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Essentially non-irritating to skin. Sensitisation Non-sensitising to guinea pig skin. Eye Contact May cause slight transient (temporary) eye irritation. Inhalation Assessment largely or completely based on data for active ingredient. No adverse effects anticipated by this route of exposure incidental to proper handling. No cases of human poisoning are on record.
12) Ecological Information:	
Ecological information:	Birds LD50 for mallard ducks >2510 mg/kg, bobwhite quail >5620 mg/kg. LC50 (8 d) for mallard ducks and bobwhite quail >5200 ppm. Fish LC50 (96 h) for rainbow trout >150 mg/l, bluegill sunfish 150 mg/l Daphnia EC50 (48 h) >120 mg/l. Algae EbC50 (72 h) for green algae 0.157 mg/l

Safety, health and environmental regulations / legislation specific for the substance or mixture.

To avoid risks to man and the environment, comply with all instructions for use.

Advice on handling of the product can be found in sections 7 and 8 of this safety data sheet.

Contains:	Metsulfuron-Methyl
Symbol(s):	None required
R-phrases(s):	None required
S-phrases(s):	S2 – Keep out of reach of children. S13 – Keep away from food, drink and animal feeding stuffs. S20/21 – When using, do not eat, drink or smoke.

16. Other Information

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with this product. If the recipient subsequently produces formulation(s) containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

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