



Agrismart
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MATERIAL SAFETY DATA SHEET

Product Name: Gundy Gly 510 Herbicide

APVMA Approval No: 64432

Statement of Hazardous Nature:

Classified as hazardous according to criteria of the National Occupational Health & Safety Commission (NOHSC.) – (Schedule 5)

IDENTIFICATION

Product Name:	Gundy Gly 510 Herbicide
Chemical Name:	N-(phosphonomethyl) glycine
Chemical Class:	Phosphonoglycine herbicide.
Hazchem Code:	None Allocated.
UN No:	None Allocated.
Dangerous Goods Class:	None Allocated.
Sub Risk Class:	No Subsidiary Risk.
Packaging Group:	None Allocated.
EPG:	None Allocated.
Poison Schedule:	S5

Physical Appearance and Properties

Appearance and Odour: viscous amber colour liquid. Odourless to slight amine odour.

Melting/softening point: About 0°C

Boiling Point: About 100°C

Vapor Pressure: Not Known

Volatile Materials: Water Component

Flashpoint: Not Flammable

Specific Gravity:

Solubility In Water: Completely Soluble.

Corrosiveness: Slightly Corrosive to iron and other metals.

Ingredients

<u>Component</u>	<u>CAS No</u>	<u>%</u>
Glyphosate as the Isopropylamine salt	38641-94-0	51
Inert components and water		to 100

HEALTH HAZARD DATA

Health Effects:

No specific data is available for the product for chronic exposure symptoms. The materials in this product are not considered to be carcinogenic by the Worksafe Australia lists. (October 1991)

Acute Effects:

Swallowed: Data suggests that the product should be considered to be moderately toxic by ingestion

Eye: Data suggest that this product should be classified as moderately irritating to the eyes.

Skin: Data suggest that this product should be classified as moderately irritating to the skin.

Inhalation: Data suggest that the product should be classified as moderately irritating by inhalation.

May cause coughing and chest discomfort.

Primary route for exposure is inhalation and skin and eye contact.

Glyphosate LD50 Oral (Rat) = 5600mg/Kg

First Aid:

Swallowed: If swallowed, do NOT induce vomiting. Rinse mouth with water. Give a glass of water to drink. Contact doctor or Poisons Information Centre if symptoms of poisoning develop.

Eye: If this product comes in contact with eyes, hold eyes open and wash with running water for at least 15 minutes. Ensure irrigation under eyelids by occasionally lifting. Do not attempt to remove contact lenses unless trained. Transport to hospital or doctor immediately if eye irritation develops.

Skin: If this product comes in contact with skin, wash skin for at least 15 minutes with soap and water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again. Transport to hospital or doctor immediately if skin irritation develops.

Inhalation: If mists or combustion products are inhaled, remove to fresh air. Lay victim down and keep warm and rested. If breathing is shallow, or has stopped ensure clear airway and apply resuscitation or oxygen if available. Transport to doctor or hospital immediately.

Eye wash stations or baths should be available where product is being used.

Advice to Doctor: Treat symptomatically. Note the nature of the product.

PRECAUTIONS FOR USE

Exposure Standards:

A time weighted average (TWA) concentration for a 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the ingredients in this product. A value of 10 and a STEL value of "not set" has been established for a significant ingredient in this product. There is a blanket recommendation of 10mg/M3 for inspirable dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use. See ingredients section on page 1 of this data sheet.

Engineering Controls:

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source or other methods. If you believe airborne concentrations of mist, dust or vapours are high, you are advised to modify the process or environment to reduce the problem.

23rd March 2010

Personal Protection:

When preparing spray, wear PVC or rubber Apron, elbow length PVC gloves and face shield. When using controlled droplet applicator, wear protective waterproof clothing and impervious footwear. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use, wash gloves, face shield and goggles.

Respiratory Protection: A face mask or respirator should be used when this material is being used. For help in selecting suitable equipment consult AS 1715.
Flammability Limits: Upper: Not flammable, Lower: Not Flammable.

SAFE HANDLING INFORMATION

Storage & Transport

No special requirements for storage and transport. This material has no UN Classification. This material is classified as a S5 Poison. Observe appropriate state regulations for storage, transport and sale. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure the material does not come into contact with water or acids.

Spills and Disposals

In event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including face mask, face shield and gauntlets. Stop leak if safe to do so, and contain spill. Absorb onto vermiculite or other absorbent material. Sweep up and shovel and collect recoverable product into labelled containers for recycling or salvage. After spills, wash area, preventing run off from entering drains. If material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in compliance with local, state and federal regulations. Launder all contaminated clothing before re-use.

Fire / Explosion Hazard:

There is no explosion hazard from this material under normal circumstances.

Flashpoint: Not Flammable

Extinguishing Media: Use media suited to burning material.

Special Fire Fighting Procedures: Wear full protective clothing including face mask, face shield and gauntlets.

Unusual fire and explosion hazards: Decomposition products are toxic and corrosive. There is little or no chance of an explosion from this product if involved in a fire.

Stability: Stable

Polymerisation: Will not polymerise.

Decomposition Products: Carbon dioxide, carbon monoxide, nitrogen oxides, oxides of phosphorous, water.

Materials to avoid: Strong acids, strong alkalis, strong oxidising agents.

OTHER INFORMATION

IN CASE OF EMERGENCY: DIAL 000
IF INEFFECTIVE: PHONE POISONS INFORMATION CENTRE (13 1126)

SPECIALIST COMPANY ADVICE: Agrismart, 17 Turner St, Goondiwindi, Qld, 4390
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DISCLAIMER

This Material Safety Data Sheet has been developed according to the WORKSAFE / NOHSC Code of Practice. The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the data hereof.

The purpose of this Material Safety Data Sheet is to describe product in terms of their safety requirements. Agrismart makes no representation or merchantability, fitness for a particular purpose of application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose to the use of the product.

The physical data shown herein are typical values based on the materials tested. These values should not be construed as a guarantee analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with relevant Federal, State and Local Government regulations.