

Safety Data Sheet

BOUNTY SL- Reg. No: L 7268 (Act No 36 of 1947)

Date of issue: 23/08/2010

Date revised : 04/01/2021

1) PRODUCT AND COMPANY IDENTIFICATIO:	
Product name:	BOUNTY SL
Other means of identification:	Glyphosate 360 g/L SL
UN number:	3082
Recommended use:	Herbicide
Restrictions on use:	Agriculture
Distributed by:	MERIDIAN AGRITECH P O BOX 436 MODDERFONTEIN TEL 011 8228509 FAX 0866901386 MOBILE: 0834006056 www.agritech.co.za
Emergency Number:	POISON CENTRE (UNITAS HOSPITAL) 012 664 1100 WESTERN CAPE POISONS TELEPHONE SERVICE: 0861 555 777 RAPID SPILL RESPONSE: 0800 775 3305 GRIFFON POISON CENTRE: 082 446 8946
Chemical Name:	N-(Phosphonomethyl) glycine
2) CLASSIFICATION OF THE SUBSTANCE / MIXTURE:	
Classification of the product:	Eye Dam. Cat. 1, (H318) Aquatic Chronic, Cat. 2 (H411) N; Xi; R20/22; R36/38; R41; R51; R53 Full text of R-phrases; see section 15
Label elements:	<p>Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended. Hazardous components which must be listed on the label: GLYPHOSATE.</p> <p>Hazard Pictogram(s):</p> <p> </p> <p>Signal Word: Warning</p> <p>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.</p>

	P273 : Avoid release to the environment. P391 : Collect spillage. P501 : Dispose of the contents/containers in accordance with the current legislation on waste treatment				
Health effects: eyes:	May cause mild irritation.				
Health effects: skin:	Not irritating				
Health effects: ingestion	May cause irritation and My be harmful.				
Health effects: inhalation	Unlikely to cause irritation or be harmful.				
Health effects: Other					
3) COMPOSITION / INFORMATION ON INGREDIENTS:					
Mixture: Glyphosate (glycine): 360 g a.e./L					
Chemical name	Composition	CAS No.	EC No.	Classification according to Regulation EC 1272/2008 (CLP)	Classification according to 67/548/EEC
Glyphosate	360 g/L	38641-94-0	213-997-4	Eye Dam. Cat. 1, H318 Aquatic Chronic Cat. 2,H411	Xi; R41 N; R51-53
Other:					
Full text of R- and S-phrases: see section 15.					
4) FIRST AID MEASURES:					
Eye contact:	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance.				
Skin contact:	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. Do not rub skin. Seek medical assistance should irritation persist.				
Ingestion:	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting unless told to so by poison control centre or doctor. A glass of water may be given to sip. For advice, contact the National Poisons Centre. Seek medical assistance immediately.				
Inhalation:	Remove patient to fresh air. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance.				
Most important symptoms and effects, acute and delayed:	No data available.				
Indication of immediate medical attention and special treatment needed: Advice to physician	There is no specific antidote. Treat symptomatically and supportively as and when required. Remove by gastric lavage and catharsis, but not if victim is unconscious. Give oxygen if respiration is depressed.				
5) FIRE-FIGHTING MEASURES:					
Suitable extinguishing media:	Extinguish small fires with water, alcohol-resistant foam, dry chemical and carbon dioxide. Extinguish large fires with alcohol-resistant foam or water.				
Unsuitable extinguishing media:	No information available.				
Special hazards arising from the substance or mixture:	Generating poisonous and corrosive fumes containing carbon monoxide, nitrogen oxides and other oxides.				

	<p>handling the product. When using, do not eat, drink or smoke. Wash contaminated clothing before re-use.</p> <p>APPROVED HANDLER: This product must be under the control of an approved handler when applied in a wide dispersive manner; or used by a commercial contractor.</p> <p>BEWARE: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants.</p>
Storage:	<p>Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertilisers and seeds. Keep away from children or uninformed persons. Avoid extreme temperatures.</p>
8) EXPOSURE CONTROL / PERSONAL PROTECTION:	
<p>It is essential to provide adequate ventilation. The measures appropriate for a particular work site depend on how this material is used and on the extent of exposure. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire, and other applicable regulations.</p> <p><u>PERSONAL PROTECTIVE EQUIPMENT:</u></p> <p>Clothing:</p> <p>Gloves:</p> <p>Eye protection:</p> <p>Respiratory protection:</p> <p>Emergency eye wash:</p>	<p>Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.</p> <p>Employee must wear appropriate chemical-resistant gloves to prevent contact with this substance</p> <p>The use of safety goggles with side shields is recommended.</p> <p>Wear respirator if ventilation is inadequate or exposure to high levels are likely</p> <p>Where there is any possibility that an employee's eyes may be exposed to this substance, the employer should provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use.</p>
9) PHYSICAL & CHEMICAL PROPERTIES:	
<p>Form:</p> <p>Colour:</p> <p>Odour:</p> <p>Odour threshold:</p> <p>pH:</p> <p>Melting point / Freezing point</p> <p>Initial boiling point and boiling range</p> <p>Flash point:</p> <p>Evaporation rate:</p> <p>Flammability (solid, gas)</p> <p>Upper/ lower flammability or explosive limits:</p> <p>Vapour pressure:</p> <p>Vapour density:</p> <p>Relative density:</p> <p>Solubility(ies)</p> <p>Partition coefficient: n-octanol/water</p>	<p>Concentrate</p> <p>Light Brown Liquid</p> <p>Slight amine odour</p> <p>No data available</p> <p>4.4-4.9</p> <p>140 °C</p> <p>No data available</p> <p>None</p> <p>N/A</p> <p>No flammable</p> <p>No explosive</p> <p>Negligible at normal ambient temperature.</p> <p>No data available</p> <p>No data available</p> <p>Miscible in water</p> <p>No data available</p>

Auto-ignition temperature:	No data available
Viscosity:	No data available
10) STABILITY & REACTIVITY:	
Reactivity:	Not available.
Chemical stability:	Stable under normal conditions. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.
Hazardous decomposition product(s):	Carbon oxides, nitrogen compounds.
Conditions to avoid:	None known – Store out of direct sunlight and keep away from sources of heat.
Incompatible materials:	Corrosive to mild steel, galvanized steel and zinc. Non-corrosive to stainless steel, polyethylene and plastics. Avoid contact with strong alkaline materials
Hazardous decomposition product(s):	Isopropylamine vapour when in contact with alkaline material.
11) TOXICOLOGICAL INFORMATION:	
<p>Acute:</p> <p>Oral LD50 : > 5 000 mg/kg, rat.</p> <p>Dermal LD50 : > 4 000 mg/kg, rabbit</p> <p>Inhalation LC50 (4h): > 12 mg/l/hr, rat.</p> <p>Skin irritation : Mild irritant, rabbit</p> <p>Eye irritation : Mild irritating, rabbit.</p> <p>Sensitisation : Does not cause sensitization on guinea pigs.</p> <p>Other :</p>	
12) ECOLOGICAL INFORMATION: Information below based on active ingredient:	
<p>Bees: LD50 (48h) >100 µg/bee; LD50 (oral) > 100 µg/bee.</p> <p>Birds: LD50 (oral) Bobwhite quail >3500 mg/kg. Dietary LC50 (5d) Quail & Ducks >4000 mg/kg diet.</p> <p>Fish : LC50 (96h) Trout 80 mg/L, Bluegill sunfish 120 mg/L. EC50 (48h) Daphnia >700 mg/l.</p> <p>Algae : EC50 (120h) Selenastrum capricornutum: >450 mg/l.</p> <p>Worms: EC50 (14d) > 1 000 mg/kg soil</p> <p>Other aquatic species:</p> <p>Other beneficial spp. : No effects on carabid beetles; harmless to slightly harmful to green lacewing, parasite species, mites/spiders and insects.</p> <p>Environmental fate:</p> <p>Persistence and Degradability:</p> <p>In soil (field), DT50 1–130 days depending on edaphic and climatic conditions. The product is practically immobile and is unlikely to leach.</p>	
13) DISPOSAL CONSIDERATIONS:	
<p>Waste Disposal: In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.</p>	

Container Disposal: Refer to the product label for instructions. Triple rinse empty containers before disposal in the following manner: Invert the container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed to a drip. Thereafter, rinse the container three times with a volume of water equal to a third of that of the container volume. Add rinsing to the contents of the spray tank before destroying the container in the prescribed manner. Empty containers should not be burnt; puncture and flatten containers and dispose at a licensed landfill site according to local regulations. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Prevent contamination of water sources, food or feed by disposal. **DO NO REUSE THE CONTAINER FOR ANY OTHER PURPOSE.** If recycling, replace cap and take containers to the designated recycling point. If containers cannot be recycled, they should be disposed of together with the waste chemical according to local regulations

14) TRANSPORTATION INFORMATION:

UN Number: 3082

Road Transport ADR/ RID:

Class: 9

Packaging group: III

Labelling no: 9

Shipping name: Environmentally hazardous substance, Liquid N.O.S. (Glyphosate)

Air transport (ICAO/IATA):

Class: 9

Packaging group: III

Shipping name: Environmentally hazardous substance, Liquid N.O.S. (Glyphosate)

Maritime Transport IMDG / IMO:

Class: 9

Packaging group: III

Shipping name: Environmentally hazardous substance, Liquid N.O.S. (Glyphosate)

15) REGULATORY INFORMATION:

Labelling according to EC directives:

Hazardous components which must be listed on the label: Glyphosate



Risk – Phrase (s):

R20/22 – Harmful by inhalation or if swallowed

R36/38 – Irritating to eyes and skin.

R41 – Risk of serious damage to eyes

R51 – Toxic to aquatic organisms

R53 – May cause long-term adverse effects in the aquatic environment

Safety – Phrase (s):

S2 – Keep out of the reach of children.

S13 – Keep away from food, drink and animal feeding stuffs.

S20/21 – When using do not eat, drink or smoke.

S24/25 – Avoid contact with skin and eyes.

S36/37 – Wear suitable protective clothing and gloves.

S61 – Avoid release to the environment. Refer to special instructions/Safety data sheets.

Hazard Statements (s)

- H318 – Causes serious eye damage
H411 – Toxic to aquatic life with long-lasting effects.

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 SDS 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 SDS to their own SDS.

The information contained herein is provided in good faith but makes no representation as to its comprehensiveness or accuracy. A properly trained person using this product intends this document only as a guide to the appropriate handling of the material. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

MERIDIAN AGRITECH MAKES NO REPRESENTATION OR WARRANTIES, EITHER EXPRESSES OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANT ABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, MERIDIAN AGRITECH (PTY) LTD WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.