



agriculture, land reform & rural development

Department:
Agriculture, Land Reform and Rural Development
REPUBLIC OF SOUTH AFRICA

GUIDELINE ON THE IMPLEMENTATION OF GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS CLASSIFICATION

**Issued by the Registrar: Act No. 36 of 1947, Private Bag X343,
Pretoria 0001**

Republic of South Africa

Tel. (27 12) 319 7000 / Fax (**27 12) 319 7179**

MARCH 2022

INTRODUCTION

The purpose of this document is to outline document required to be submitted with label amendments applications or new application to include the United Globally Harmonised System (GHS) for chemical hazard classification requirements.

1 Covering Letter

The letter should clearly reference the B, K, L or M number of the registration for easy identification of which registration is involved.

2 Service Form.

3 New Label

- (i) Label should be set out according to the label layout appropriate to the product.
- (ii) The information on the label shall not deviate in content from the particulars of the existing label, which had been approved for this product, excepting for changes with respect to the GHS classification and those new label elements required by the draft regulations.
- (iii) There shall be no colour band as the requirement for colour bands has been removed from the draft regulations.
- (iv) The label shall have all the GHS label elements (pictogram, signal word, hazard statement(s) and precautionary statements) as required for the GHS classification. The codes of the hazard and precautionary statements should not be included (see Annexure A, examples of label layout)

4 Declaration by the applicant

The declaration should follow the format provided (see Annexure B)

5 Safety Data Sheet (SDS)

The SDS should comply with the latest revision of the UN Purple Book as provided for in the Regulations for Hazardous Chemical Agents, 2021.

6 Proof of payment

The tariff for Minor Amendment Applications shall apply.


7 Classification rationale

A full rationale of how the classification was reached must be provided. This should detail:

- (i) The formulation of the product;
- (ii) Identification of the classifications of all of the components;
- (iii) Demonstration of the consideration of all the hazard classes for which any ingredient is classified;
- (iv) Identification of which of the components may have been ignored because their levels in the formulation do not constitute a relevant ingredient for a particular hazard class;
- (v) All experimental data, bridging principles or calculations that justify the classification;
- (vi) The resulting classification.

ANNEXURE: (A)

A.1 Aerosols

Main Display Panel		Secondary Display Panel(s)	
READ THE LABEL BEFORE USE		KEEP OUT OF REACH OF CHILDREN AND ANIMALS	
HOUSEHOLD/COMMERCIAL		MARKETING CLAIMS BEING MADE	
<p>PRODUCT NAME Reg. No. LXXXX Act No. 36 of 1947</p>		<p>WARNING May cause irritation of the skin, eyes and mucous membranes and skin sensitisation. Do not spray into the air (only surface sprays). In case of poisoning, call a doctor and make this can available to him.</p>	
<p>Type of product or target pest(s) (e.g. Crawling Insect Killer)</p>		<p>PRECAUTIONS Do not spray on or near food, utensils, animals or plants (unless product is a plant spray). Avoid skin contact and excessive inhalation. Remove pets and cover aquaria (fish tanks) before spraying. If accidental skin contact should occur, wash thoroughly with soap and water. Do not use in the presence of persons with known sensitivity to pyrethroids (products containing pyrethroid active ingredient(s) only). In case of signs of sensitivity, obtain medical advice. May stain plastic material and highly polished surfaces (voluntary as appropriate). Prevent excessive wetting of plastic/rubber/asphalt surfaces (voluntary as appropriate).</p>	
<p>ACTIVE INGREDIENT(S): XXXXXXXXX x,x a.i. g/kg YYYYYYYYY y,y g a.i./kg</p>		<p>DIRECTIONS FOR USE SHAKE WELL BEFORE USE. Hold can as upright as possible. Do not spray on insects while they are flying (only surface sprays). Do not spray into the air (only surface sprays). Add further usage instructions as appropriate.</p>	
<p>Registration Holder: XXXXX (Pty) Ltd (xxxx/xxxxxx/xx)</p>		<p>GROUP 3A INSECTICIDE The appropriate IRAC symbol for the active ingredients should be used. https://irac-online.org/modes-of-action/.</p>	
<p>For batch number, date of manufacture and expiry date see bottom of can</p>		<p>SAFETY INFORMATION</p> <p></p> <p>DANGER EXTREMELY FLAMMABLE AEROSOL Pressurised container; may burst if heated. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce of burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C. (plus the pictogram(s), hazard statement(s) and precautionary statements for other applicable hazard categories and a list of all ingredients which contribute to the classification of the product)</p>	
<p>Registration holder's name, physical address and telephone number.</p>		<p>In case of poisoning, call the following number: (provide the contact details of a national or provincial poison information centre)</p> <p>Emergency number: (provide the number of the registration holder's own disaster management centre of its contracted disaster management service provider)</p>	
<p>XXX mL</p>		<p>FIRST AID Appropriate first aid measures for the product. Provide medical personnel with the container label, product name or safety data sheet (SDS) when seeking medical attention.</p>	

The side panel may be presented as either one or two columns.

The colour band must be 10 mm in height. The signal word and colour of the band will depend on the GHS Acute Toxicity classification. The "Keep out of reach of children" pictogram must appear in the warning colour band to the left of the hazard statement and the "Wash hands after use" pictogram must appear in the warning colour band to the right of the hazard statement and both must be pictograms 7 mm x 7 mm.

A.2 Mosquito Coils

Main Display Panel		Secondary Display Panel(s)				
READ THE LABEL BEFORE USE		KEEP OUT OF REACH OF CHILDREN AND ANIMALS				
HOUSEHOLD/COMMERCIAL		MARKETING CLAIMS BEING MADE				
For batch number, date of manufacture and expiry date see back of pack	PRODUCT NAME Reg. No. LXXXX Act No. 36 of 1947	WARNING May cause irritation of the skin, eyes and mucous membranes and skin sensitisation. In case of poisoning, call a doctor and make this can available to him.	DIRECTIONS FOR USE Insert appropriate directions for use. <table border="1" style="margin-top: 5px;"> <tr> <td>GROUP</td> <td>3A</td> <td>INSECTICIDE</td> </tr> </table> The appropriate IRAC symbol for the active ingredients should be used. https://irac-online.org/modes-of-action/	GROUP	3A	INSECTICIDE
	GROUP	3A	INSECTICIDE			
	Type of product or target pest(s) (e.g. Mosquito Killer/Repellent)	PRECAUTIONS Avoid skin contact and excessive inhalation. If accidental skin contact should occur, wash thoroughly with soap and water. Do not use in the presence of persons with known sensitivity to pyrethroids (products containing pyrethroid active ingredient(s) only). In case of signs of sensitivity, obtain medical advice.	SAFETY INFORMATION This product is unclassified according to GHS. (replace with the appropriate pictogram(s), hazard statement(s) and precautionary statements other hazard categories are applicable and a list of all ingredients which contribute to the classification of the product)			
		NOTICE TO THE USER: This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under the Act to use this product in a manner contrary with the directions on the label.	In case of poisoning, call the following number: (provide the contact details of a national or provincial poison information centre)			
ACTIVE INGREDIENT: XXXXXXXX x,x a.i. g/kg Registration Holder: XXXXX (Pty) Ltd (xxxx/xxxxxx/xx)	FIRST AID Appropriate first aid measures for the product. Provide medical personnel with the container label, product name or safety data sheet (SDS) when seeking medical attention.	Emergency number: (provide the number of the registration holder's own disaster management centre of its contracted disaster management service provider)				
		Registration holder's name, physical address and telephone number.	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>XXX g</td> </tr> </table>	XXX g		
XXX g						

The side panel may be presented as either one or two columns. The colour band must be 10 mm in height. The signal word and colour of the band will depend on the GHS Acute Toxicity classification. The "Keep out of reach of children" pictogram must appear in the warning colour band to the left of the hazard statement and the "Wash hands after use" pictogram must appear in the warning colour band to the right of the hazard statement and both must be pictograms 7 mm x 7 mm.

A.3 Liquid Electrical Devices

Main Display Panel		Secondary Display Panel(s)	
READ THE LABEL BEFORE USE		KEEP OUT OF REACH OF CHILDREN AND ANIMALS	
HOUSEHOLD/COMMERCIAL		MARKETING CLAIMS BEING MADE	
For batch number, date of manufacture and expiry date see back of pack	PRODUCT NAME Reg. No. LXXXX Act No. 36 of 1947	WARNING May cause irritation of the skin, eyes and mucous membranes and skin sensitisation. In case of poisoning, call a doctor and make this can available to him.	DIRECTIONS FOR USE Insert appropriate directions for use.
	Type of product or target pest(s) (e.g. Mosquito Killer/Repellent)	PRECAUTIONS Avoid skin contact and excessive inhalation. If accidental skin contact should occur, wash thoroughly with soap and water. Do not use in the presence of persons with known sensitivity to pyrethroids (products containing pyrethroid active ingredient(s) only). In case of signs of sensitivity, obtain medical advice.	<div style="border: 1px solid black; padding: 2px; display: inline-block;">GROUP</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">3A</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">INSECTICIDE</div> The appropriate IRAC symbol for the active ingredients should be used, https://irac-online.org/modes-of-action/ .
	ACTIVE INGREDIENT: XXXXXXXX x,x a.i. g/litre	NOTICE TO THE USER: This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under the Act to use this product in a manner contrary with the directions on the label.	SAFETY INFORMATION This product is unclassified according to GHS. (replace with the appropriate pictogram(s), hazard statement(s) and precautionary statements other hazard categories are applicable and a list of all ingredients which contribute to the classification of the product)
	Registration Holder: XXXXX (Pty) Ltd (xxxx/xxxxxx/xx)	<div style="border: 1px solid black; padding: 2px; display: inline-block;">XXX mL</div>	In case of poisoning, call the following number: (provide the contact details of a national or provincial poison information centre) Emergency number: (provide the number of the registration holder's own disaster management centre of its contracted disaster management service provider)
			FIRST AID Appropriate first aid measures for the product. Provide medical personnel with the container label, product name or safety data sheet (SDS) when seeking medical attention. Registration holder's name, physical address and telephone number.

The side panel may be presented as either one or two columns. The colour band must be 10 mm in height. The signal word and colour of the band will depend on the GHS Acute Toxicity classification. The "Keep out of reach of children" pictogram must appear in the warning colour band to the left of the hazard statement and the "Wash hands after use" pictogram must appear in the warning colour band to the right of the hazard statement and both must be pictograms 7 mm x 7 mm.

**PROPOSED GHS LABEL
LAYOUT
AGRICULTURAL REMEDIES**

PROPOSED LABEL LAYOUT

MAIN PANEL CROP PROTECTION LABEL SAMPLE

PURPLE BLOCK FOR HERBICIDES



PRODUCT TRADENAME

Reg. No. / Nr L..... Act No. 36 of 1947 / Wet Nr 36 van 1947

READ THE LABEL BEFORE USE

OR

READ ATTACHED PACKAGED LEAFLET BEFORE USE

AND

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

GROUP	3	11	FUNGICIDES
-------	---	----	------------

PRODUCT INFO – ENGLISH	PRODUCT INFO – AFRIKAANS
------------------------	--------------------------

Refer
Appendx A



WARNING

Hazard Statements (codes not required)

Precautionary Statements (codes not required) (*minimum two statements*)

Active Ingredient(s) / Aktiewe Bestanddeel(e)

...Chemical name.....g/kg or g/lChemiese naam...

...Species name.....cfu per g/lSpesie naam.....

Net mass/volume kg or l Netto massa/volume

REGISTRATION HOLDER / REGISTRASIEHOUER

COMPANY NAME & REGISTRATION NR.

PHYSICAL ADDRESS

LOCAL CONTACT NUMBER

Batch No.

Date of Manufacture

Expiry date (< 2 years).....



..... Lot Nr.

Datum van Vervaardiging

...(< 2 jr)..Vervaldatum



UN No. / VN Nr:

Emergency Number:

SECONDARY PANEL CROP PROTECTION LABEL SAMPLE

WARNINGS

- GHS Hazard statements (block)
- Pre-Harvest Interval (PHI)
- Information that identifies any significant risk _storage display distribution use and disposal
- RE-ENTRY INTERVAL – (if applicable depending on the formulation)
- AERIAL APPLICATION WARNING (if applicable): Aerial application: Notify all the inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings.

DISCLAIMER

PRECAUTIONS

- GHS precautionary statements (in block)
- Information that identifies significant risk to human, environmental health instructions and procedures to reduce risk
- Triple rinse statement– Please refer to relevant statement as per formulation type

RELEVANT SUBSTANCES

All relevant hazardous substances as per product classification (*REGULATIONS FOR HAZARDOUS CHEMICAL AGENTS, 2021*)

FIRST AID

- Practical measures to be taken in case of poisoning or injury.

RESISTANCE WARNING STATEMENT

MODE OF ACTION

USE RESTRICTIONS

- As per RAC code/s

DIRECTIONS FOR USE - Use only as directed

WAITING PERIOD FOR FOLLOW UP CROPS COMPATIBILITY STATEMENTS
AERIAL APPLICATION

MIXING INSTRUCTIONS

APPLICATION TABLE RECOMMENDATIONS

A.5 Mats

Main Display Panel	Secondary Display Panel(s)	
READ THE LABEL BEFORE USE	KEEP OUT OF REACH OF CHILDREN AND ANIMALS	
HOUSEHOLD/COMMERCIAL	MARKETING CLAIMS BEING MADE	
<p>PRODUCT NAME Reg. No. LXXXX Act No. 36 of 1947</p> <p>Type of product or target pest(s) (e.g. Mosquito Killer/Repellent)</p> <p>ACTIVE INGREDIENT: XXXXXXXXX x,x a.i. g/mat</p> <p>Registration Holder: XXXXX (Pty) Ltd (xxxx/xxxxxx/xx)</p>	<p>WARNING May cause irritation of the skin, eyes and mucous membranes and skin sensitisation. In case of poisoning, call a doctor and make this can available to him.</p> <p>PRECAUTIONS Avoid skin contact and excessive inhalation. If accidental skin contact should occur, wash thoroughly with soap and water. Do not use in the presence of persons with known sensitivity to pyrethroids (products containing pyrethroid active ingredient(s) only). In case of signs of sensitivity, obtain medical advice.</p> <p>NOTICE TO THE USER: This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under the Act to use this product in a manner contrary with the directions on the label.</p> <p>FIRST AID Appropriate first aid measures for the product. Provide medical personnel with the container label, product name or safety data sheet (SDS) when seeking medical attention. Registration holder's name, physical address and telephone number.</p>	<p>DIRECTIONS FOR USE Insert appropriate directions for use.</p> <p>GROUP 3A INSECTICIDE</p> <p>The appropriate IRAC symbol for the active ingredients should be used. https://irac-online.org/modes-of-action/.</p> <p>SAFETY INFORMATION This product is unclassified according to GHS. (replace with the appropriate pictogram(s), hazard statement(s) and precautionary statements other hazard categories are applicable and a list of all ingredients which contribute to the classification of the product)</p> <p>In case of poisoning, call the following number: (provide the contact details of a national or provincial poison information centre)</p> <p>Emergency number: (provide the number of the registration holder's own disaster management centre of its contracted disaster management service provider)</p>
	<p>For batch number, date of manufacture and expiry date see back of pack</p>	

The side panel may be presented as either one or two columns.

The colour band must be 10 mm in height. The signal word and colour of the band will depend on the GHS Acute Toxicity classification. The "Keep out of reach of children" pictogram must appear in the warning colour band to the left of the hazard statement and the "Wash hands after use" pictogram must appear in the warning colour band to the right of the hazard statement and both must be pictograms 7 mm x 7 mm.

PRODUCT NAME

Registration number K/B/M ..., Act No. 36 of 1947

FERTILIZER GROUP 1, 2 or 3

Brief product description and use statement
(e.g., A granular fertilizer as source of calcium and nitrogen)

Composition:

List of nutrients or other important ingredients in the product with the appropriate units to be listed

e.g. Ca xx g/kg (yy g/L)
Ecklonia maxima 99.8%

Where there is an ingredient that is not listed as an ingredient here contributes to acute toxicity, skin corrosion, or serious eye damage, germ cell mutagenicity, carcinogenicity, reproductive toxicology, skin or respiratory sensitization, or specific target organ toxicity (STOT), when these hazards appear on the label, the chemical identity of ingredient concerned it must also be added to the label.

SG @ 20° C (if product is a liquid)

Net Mass / Volume (with correct units)

e.g. 5, 20, 25 kg

REGISTRATION HOLDER AND SUPPLIER DETAILS (if not the same)

Company registration e.g. Co. Reg. 0000/0125/00

Physical address required (e.g. 123 Street Pretoria)

Contact Telephone numbers and code: eg 123 456 7890

EMERGENCY CONTACT NUMBER: 000 000 0000 (preferably the number of the spillage company with whom the registration holder has signed a contract)

Appropriate GHS pictograms (determined by the outcome of a full GHS classification of the product. Pictograms should have a black symbol on a white background with red frame sufficiently wide enough to be clearly visible)



---Internal Use---

GHS Signal Word e.g. Danger

Batch Number:

UN number: (where applicable or state Not Regulated)

Hazard Statements:

As per the outcome of a full GHS classification of the product. The hazard statement code is intended to be used for reference purposes. It is not part of the hazard statement text and should not be used to replace it

e.g. Harmful if swallowed

Causes serious eye damage

Precautionary Statements:

As per the outcome of a full GHS classification of the product. The hazard statement code is intended to be used for reference purposes. It is not part of the hazard statement text and should not be used to replace it)

There are five types of precautions statements: *general, prevention response* (in case of accident spillage or exposure, emergency response and first-aid), *storage and disposal*.

Poisonous when swallowed

Wear protective eye protection

Do not eat, drink or smoke when mixing or using this product

Do not inhale dust

Remove contaminated clothing immediately

IF ON SKIN: wash with plenty of soap and water

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and continue rinsing

In case of poisoning: CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM/HER.

Store in a well-ventilated area. Keep container tightly closed.

Destroy empty container by perforating and flattening and dispose of container in a safe way – (this will be finalised once we know what route to follow with the newly developed EPR

Guidelines

Store away from food and feedstuffs.

Prevent contamination of food, feedstuffs, drinking water, eating utensils.

Keep out of reach of children

NB: All GHS related classifications must be the same as those given on the SDS of the product.

Directions for use: Use only as directed. Refer to SDS for personal protection equipment (PPE) to be used when utilising the product.

Compatibility: e.g. Calcium Nitrate is used at strategic times in the development of fruit trees in conjunction with other fertilizers

Application table:

Crop:	Application Rate:	Recommendations
-------	-------------------	-----------------

--	--	--

Disclaimers / conditions of sale:

e.g. This product is manufactured and tested to specific standards and are sold in good faith, however, no guarantee is given as conditions and methods under which they are used are beyond the control of the manufacturer. Before using, the user should determine the suitability of the product for his / her intended use and the user assumes the risk and liability in connection therewith.

ANNEXURE: (B)

DECLARATION ON LABEL CONTENT AND GHS CLASSIFICATION

COMPANY REPRESENTATIVE:

The information on this label does not deviate in content from the particulars of the existing label which had been approved for this product excepting for changes with respect to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) classification

In addition, I hereby declare that the GHS reflected on this label was compiled by a competent person in accordance with the latest edition of the UN Purple Book and complies, to the best of our knowledge, with the Regulations for Hazardous Chemical Agents, 2021 promulgated in terms of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993). The revised SDS provided for this product conforms to requirements as stated within the latest edition of the UN Purple Book and complies with Section 14 of the Regulations for Hazardous Chemical Agents, 2021.

Furthermore, *Registration Holder Name* agrees to submit to an independent review of the classification at our expense in the event of a challenge to our classification.

.....
INITIALS AND SURNAME

.....
POSITION WITHIN THE APPLICANT COMPANY

.....
SIGNATURE OF APPLICANT .

.....
DATE

.....
TEL. NO.