



**Safety Data Sheet
Guard'N'Aid Pest Off Plus Concentrate**

**Date: 03.11.2016
Revision Date: N/A
Version: 1**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Substance or preparation trade name: Guard'N'Aid Pest Off Plus Concentrate
REACH Registered number(s): N/A
CAS number: N/A
EINECS number: N/A
Synonyms: N/A

1.2 Relevant identified use of the substance or mixture and uses advised

Use of substance/mixture: Concentrated broad spectrum pyrethrum based contact insecticide for the control of insects including White Fly, Aphids, Thrips, Mites, Scale Bugs, Caterpillars, Wool Bug, Mealy Bug, Beetles and some Wasp larve. Effective against adult insects, some larval stages and eggs.

1.3 Company/undertaking name and address:

Company Name: Hydrogarden
Unit 2 Progress Way
Binley
Coventry
CV3 2NT
Telephone: +44(0)2476 651500
Fax: +44(0) 2476 651060
E-mail: info@hydrogarden.co.uk

1.4 Emergency telephone number:

Emergency telephone number: +44 (0) 2476651500

Opening hours: 8.30am -5.00pm Mon-Thurs, 8.30am - 4.00pm Fri.

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 classification according to Regulation (EC) No 1272/2008 (CLP):

Chronic aquatic toxicity (Category 2), H411

2.1.2 Classification according to Directive 67/548/EEC (See SECTION 16 for full text of risk phrases)

N Dangerous for the environment

2.1.3 Additional information:

For full text of R-phrases and Hazard and EU hazard statements see SECTION 16.

2.2 Label Elements

Label elements under CLP:

Hazard Statements:

H411 Toxic to aquatic life with long lasting effects.

Signal Words: Warning

Hazard Pictograms:



Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P273 Avoid release to the environment.

Additional Information for labelling of Plant Protection Products:

To avoid risks to human health and the environment, comply with the instructions for use (EUH401)

Do not contaminate water with the product or its container (SP1)

2.3 Other Hazards

Supplemental hazard information: keep away from surface waters. This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance or preparation trade name: Guard’N’Aid Pest Off Plus Concentrate

Description of the mixture: Pyrethrins including cinerins

Hazardous Ingredients: pyrethrins

Name	Cas No	EC No	Reach Registration No.	% (weight)	Classification according to 67/548/EEC	Classification according to Regulation EC No 1278/2008 (CLP)
Pyrethrins	8003-34-7	232-319-8	/	0.5%	Xn, R20/21/22; N R50-R53	Acute toxicity, Dermal (Cat 4), H312 Acute tox., Inhalation (Cat4), H332 Acute toxicity, Oral (Cat 4), H304 Acute aquatic toxicity (Cat1), H400 Chronic aquatic toxicity (Cat 1), H410

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SECTION 4: First Aid Measures

General notes:

Following Skin contact: IMMEDIATELY IRRIGATE WITH CLEAN WATER. If irritation persists seek medical attention. Remove any contaminated clothing and launder before re-use

Following Eye contact: IMMEDIATELY IRRIGATE WITH CLEAN WATER FOR 15 MINS. Seek medical aid.

Following Ingestion: SEEK MEDICAL ATTENTION IMMEDIATELY, DISPLAY LABEL WHERE POSSIBLE. Never give anything by mouth to unconscious person. Do not induce vomiting.

Self –protection of the first aider: No special protection required. Advise to wear gloves to avoid skin contact whilst treating patient.

4.2 Most important symptoms and effects, both acute and delayed

Delayed/immediate effects: Immediate effects can be expected after short-term exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be mild irritation.

Ingestion: Harmful if swallowed.

Inhalation: may cause irritation to respiratory system.

Potential acute health effects: unknown.

4.3 Indication of any immediate medical attention/special treatment

Immediate/special treatment: See first aid treatment in section 4.1. No special treatment required.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media: Use water, foam, carbon dioxide, dry powder.

Unsuitable extinguishing media: N/A

5.2 Special hazards arising from the substance or mixture

Exposure Hazards: no information available.

5.3 Advice for fire-fighters

Advice for fire-fighters: none.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 for non-emergency personnel:

Personal Precautions: ensure gloves and goggles are worn during clean up.

Protective equipment: dust mask, gloves and goggles

Emergency procedures: do not allow the liquid to enter drains or water courses.

6.1.2 for emergency responders:

Advice for fire fighters: wear self-contained breathing apparatus.

6.2 Environmental precautions

Environmental precautions: do not allow the liquid to enter drains or water courses.

6.3 Methods and material for containment and cleaning up

6.3.1 Methods for spill containment: Store in a bunded area, cover nearby drains.

6.3.2 Clean-up procedures: Absorb onto sand, earth or other suitable absorbent material.

6.4 References to other sections

Reference to other sections: refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures: wear gloves and goggles. Wash hands before eating, drinking or smoking.

Measures to prevent fire: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Measures to prevent aerosol and dust generation: ensure there is sufficient ventilation in the area.

Measures to protect the environment: do not allow to enter drains or water courses.

Advice on general occupational hygiene: prevent contact with eyes, skin and clothing. Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep out of reach of children.

Suitable packaging: store in original packaging only.

Storage class: 10

Further information on storage conditions: protect from light.

7.3 Specific end use(s)

Recommendations: use only as an insecticide spray according to the operating instructions on the packaging. Spray technique and application are very important – follow instructions carefully.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Employ good industrial hygiene practice.

Hazardous ingredients: pyrethrins

Workplace exposure limits: n/a

8.2 Exposure controls

8.2.1 Engineering measures: ensure there is sufficient ventilation of the area.

Mixture related measures to prevent exposure during identified uses: do not breathe spray. Avoid contact with eyes and skin.

8.2.2 Personal protective equipment:

Respiratory protection: do not breathe spray. Use suitable face mask.

Hand protection: gloves

Eye protection: safety glasses or goggles

Skin protection: gloves/long sleeves

8.2.3 Environmental exposure controls: do not allow spills to enter drains. Use bunding or store away from drains.

Mixture related measures to prevent exposure: none.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: yellow

State: liquid

Odour: characteristic

pH: 6.6

Melting/freezing point: -17.6°C

Boiling point: unknown

Flash point: 145°C

Evaporation rate: unknown

Flammability: unknown

Minimum ignition temperature: >400°C
Vapour pressure: unknown
Vapour density: unknown
Relative density: 0.917g/cm³
Viscosity: unknown
Oxidising properties: unknown
Explosive properties: unknown
Solubility in water: partly soluble in/with water

9.2 Other information

Other information: none

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity: stable under recommended transport or storage conditions.

10.2 Chemical stability

Chemical stability: under storage at normal ambient temperatures (5-25°C) the product is stable.

10.3 Possibility of hazardous reactions

Hazardous reactions: hazardous reactions will not occur under normal transport or storage conditions

10.4 Conditions to avoid

Conditions to avoid: Heat, ignitions sources.

10.5 Incompatible materials

Materials to avoid: oxidising agents.

10.6 Hazardous decomposition products

Hazardous decomposition products: unknown

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Toxicity: toxicity (Category 4). LD50 Oral > 2000mg/kg, LD50 dermal >2000mg/kg

Irritation: mild skin irritation may occur

Corrosivity: mild skin irritation may occur

Sensitization: non -sensitising

Repeated dose toxicity: no known toxic effects

Mutagenicity: no known toxic effects

Carcinogenicity: no known carcinogenic effects

Reproductive toxicity: not a known reproductive toxin.

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicity values: toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

Persistence and degradability: biologically degradable

12.3 Bioaccumulative potential

Bioaccumulative potential: ingredients not bioaccumulative

12.4 Mobility in soil

Mobility: readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT or vPvB substance.

12.6 Other adverse effects

Other adverse effects: not known

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product/packaging disposal: Dispose of packaging and contents in accordance with local/national regulations

Waste codes/waste designations according to LoW: 02 01 08 or 06 13 01

13.1.2 Waste treatment – relevant information: dispose of at local waste disposal site in accordance with local regulations.

13.1.2 Sewage disposal – relevant information: waste should not be released to sewers.

13.1.4 Other disposal recommendations: none

SECTION 14: Transport information

14.1 UN number

UN number: 3082.

14.2 UN proper shipping name

Shipping name: environmentally hazardous substance, liquid, N.O.S., (Pyrethrins incl.cinerins)

14.3 Transport hazard class(es)

Transport class: 9

14.4 Packing group

Packing group: III

14.5 Environmental hazards

Environmentally hazardous: toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Marine Pollutant: yes.

14.6 Special precautions for user

Special precautions: none

Tunnel code: E

Transport category: 9

SECTION 15: Regulatory information

15.1 Safety, health and Environmental regulations/legislation specific for the mixture

EU regulations: not applicable

Authorisations and/or restrictions on use: none

VOC standard:

VOC content 0.5%

National regulations:

Water Hazard Class 2

Guard'N'Aid Pest Off Plus Concentrate has Pesticide Product Registration number MAPP 17277

15.2 Chemical safety assessment

Chemical safety assessment: a COSHH assessment has been carried out for the substance or mixture by the supplier

SECTION 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No

453/2010 and EC Regulation No 1272/2008.

SDS from Neudorff

Guard'N'Aid Pest Off Plus Concentrate has Pesticide Product Registration number MAPP 17277

*Indicates text in the SDS which has been changed since the last revision

Phrases used in Section 2 & 3:

R50/R53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
H302	Harmful if swallowed
H312	Harmful in contact with skin
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects.

Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.