

MATERIAL SAFETY DATA SHEET: Phen-Gard

Issue N° 4 Issue Date: 16/4/20128

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Commercial Product Name: Phen-Gard
Responsible Company: Farm Care GB Ltd.
336 Waterloo Quay, Waterloo Road. Liverpool,
L3 0BT, UK
Contact Details
Tel: +66 872771060
Fax: +66 76 27 0865
info@farmcaregb.com
www.farmcaregb.com

2. INFORMATION ON INGREDIENTS

Hazardous Ingredients:

Chemical	CAS N°	% Conc.	Hazard
gluteraldehyde	111-30-8	<20	000059-50-7
2-benzyl-4-chlorophenol	12-32-1R22	<5	Xi, N
4-chloro-3-methylphenol	59-50-7	<10	Xn, N
Secondary alkane sulphonate	85711-69-9	<15	Xi,
isopropyl alcohol	000067-63-0	<10	F, Xi

3. HAZARDS IDENTIFICATION

Emergency Overview

Environmental Hazards : Very toxic to aquatic organisms.
Human Health Hazards Corrosive – Causes burns

Risk of serious damage to eyes.

Harmful in contact with skin and if swallowed

May cause sensitisation by skin contact, inhalation and if swallowed

4. FIRST AID MEASURES

Symptoms	First Aid
Skin Contact:	Burning sensation Drench skin with plenty of water. Remove contaminated clothing and wash before reuse. If symptoms persist seek medical attention.
Eye Contact	Pain and reddening Rinse eyes with plenty of clean water for at least 10 minutes. Seek medical attention.
Ingestion	Burns to throat and upper digestive tract Rinse out mouth and throat thoroughly with water. Drink water. Seek medical attention.
Inhalation	Irritation of nose, throat and lungs - coughing. Remove from exposure. If symptoms persist seek medical attention.

5. FIRE FIGHTING MEASURES

Protection against Fire and Explosions: No special requirements
Suitable Fire Extinguishing Media: Water, Foam
Non Suitable Media: None
Special Exposure Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Dam up with absorbing material, e.g. sand,
Transfer to container for disposal in accordance with waste regulations. Do not allow to enter drains or water courses. In case of contamination contact local water authority immediately.

7. HANDLING AND STORAGE

Store in a cool well ventilated area. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or other engineering controls to control airborne levels.

Recommended Personal Protective Equipment:

Respiratory Protection: Wear respiratory equipment in case vapours and aerosols are emitted.

Hand Protection: Impermeable gloves recommended.

Eye Protection: Protective glasses or eye shield

Other Protective Equipment: Wear protective clothing

Skin contact and inhalation of vapours and spray should be absolutely avoided.

Ensure efficient ventilation and an adequate supply of fresh air in confined working areas when using this product. Keep away from food and drink.

Do not eat, drink or smoke at work.

Remove all contaminated clothing immediately.

Wash hands before breaks and at end of work and use skin-protecting ointment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red clear liquid.
Odour: Sharp, characteristic odour
pH: 6.5 – 7.0
Other Data: None relevant for safety

10. STABILITY AND REACTIVITY

This preparation is stable under normal conditions of use.

Conditions to avoid: None

Materials to avoid: None

Hazardous Decomposition Products: None.

11. TOXICOLOGICAL INFORMATION

Results are by analogy from the constituent components:

LD50 oral, rat: 2200 mg/kg

LD50 dermal, rabbit: >2500 mg/kg

12. ECOLOGICAL INFORMATION

Do not allow to escape into waterways, waste water, soil.

Product contains organic halogen and may add to the AOX-value of effluent water.

13. DISPOSAL CONSIDERATIONS

Disposal method required to be in accordance with local authority regulations. Contaminated, empty containers are to be treated in the same way as the contents.

14. TRANSPORT INFORMATION

RID/ADR: 8
UN: 1760 PG:III
Hazard No.: 80
IMDG Code: 8
UN:1760 PG:III
ICAO.IATA-DGR: 8
UN: 1760 PG:III
Proper Shipping Name:: Corrosive liquid, n.o.s. (GLUTARALDEHYDE)

15. REGULATORY INFORMATION

Labelling as required by the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), in accordance with EC Directives:

Symbols: C, Xn, N
Risk Phrases R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R34 Causes burns
R41 Risk of serious damage to eyes
R42/43 May cause sensitisation by inhalation and skin contact
R50 Very Toxic to aquatic organisms.
Safety Phrases : S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S61 Avoid release to the environment. Refer to special instructions/Safety Data Sheet.

16. OTHER INFORMATION

The information contained in this MSDS, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee.

Since the conditions of use are beyond control of our company, it is the responsibility of the user to Determine the conditions of safe use of this preparation. The information in this sheet does not represent analytical specifications, for which please refer to our Product Data Sheet.