

MATERIAL SAFETY DATA SHEET: Mite-Gard

Issue N° 4 Issue Date: 16/4/2012

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Commercial Product Name: Mite-Gard
Responsible Company: Farm Care GB Ltd.
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2. INFORMATION ON INGREDIENTS

Proprietary aqueous preparation containing a blend of Cationic, Amphoteric & Non-ionic Surface Active Agents & Water conditioners with/without perfume.

Hazardous Ingredients

Chemical	CAS N°	EEC N°	Risk Phrases
Quaternary Ammonium Compound	N/K	N/K	R34/22
Polybiguanide Hydrochloride.	027083-27-8	N/K	R38/43
Lactic acid	6813-39-5	N/K	R22/36/50

3. HAZARDS IDENTIFICATION

Aqueous detergent system which may have some defatting action on the skin. Hazardous material present at a significantly low level thus rendering the preparation low hazard.

4. FIRST AID MEASURES

Symptoms: First Aid
Inhalation: Not applicable in normal operations, but as a precaution remove to fresh air.
Skin: Wash off with soap and water and rinse off.
Eyes: Flush with clean water for 10 minutes. If irritation persists obtain medical attention
Ingestion: Wash out mouth with water and give water or milk to drink to dilute, Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Preparation is not flammable Wear self-contained breathing apparatus.
Suitable Fire Extinguishing Media: CO₂, Foam, dry powder, water fog
Thermal decomposition Product: CO, CO₂, oxides of nitrogen and sodium.
Special Equipment: Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Dilute and flush very small amounts to foul sewer. Note: Consent to discharge trade effluent into the foul sewer must be obtained from local water authority/ company. Collect up in large container quantities and/or absorb in soil or sand and place in a suitable plastic or steel container for subsequent disposal to an approved site. Wash down spill area with plenty of water. Wear suitable industrial workwear, impervious gloves and eye/face protection.

7. HANDLING AND STORAGE

Keep container closed when not in use, store under normal conditions avoid contact with preparation. Avoid contacts with concentrate. Wear suitable industrial/institutional workwear. Keep away from foodstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure: No exposure limits quoted.
Protection Measures: Adopt good standards of industrial health and hygiene practices. Although highly diluted is not classified as hazardous, mists may be annoying therefore adequate ventilation is recommended. Where this is not available, local mechanical exhaust is recommended and/or use suitable respirators for mists particulates. Wear suitable industrial/institutional workwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colourless liquid
Specific gravity: 1.03
pH: (Neat):12.3 approx.
Boiling point: Approx. 100c
Freezing point: 0° C
Flash point: N/A
Vapour pres (mmHg): As water
Sol/Misc: Soluble
% Volatile: 8.5%

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazard decomposition products: Carbon dioxide, carbon monoxide, hydrogen chloride, oxides of nitrogen.
Materials to avoid: In use cationic bacteriacides neutralised by soap and other anionic surface acting agents.

11. TOXICOLOGICAL INFORMATION

Mists may cause annoyance to eyes, by inhalation and there might be some irritation to sensitive skins. From literature, thought to be of low toxicity.

12. ECOLOGICAL INFORMATION

Mobility: Soluble in aqueous system.
Aquatic toxicity: Maybe detrimental due to surface active effects.
Degradability: Slowly biodegradable in water.
Bioaccumulation: Predicted to have low potential for bioaccumulation. Cationic substances are regarded to be effectively removed in waste water treatment processes by complex formulation and absorption.

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

Preparation via an authorised waste disposal contractor to approved waste disposal site, observing all local and national regulations.

14. TRANSPORT INFORMATION

U.N. No: Not Regulated
Primary hazard: Not Regulated
Packaging Gp: Not Regulated
Hazard I.D. No: Not Regulated
Class: Not Regulated
ADR/RID Item No: Not Regulated
Hazchem: Not Regulated
Emergency Action Code: Not Regulated

15. REGULATORY INFORMATION

Supply label Details: Ref CHIP 98 (Revised).
Label Name: Mite-Gard.
Symbol: Classified as Irritant under CHIP 98 (revised dec 99) Regulations.
Risk & Safety Phrases: As declared.

16. OTHER INFORMATION

Voluntary Phrases: 1). Not classified under CHIP 98 (revised dec 99) Regulations.
2). R36/38 Irritant if normal standards of industrial hygiene are observed.
3). S2 Keep out of the reach of children.
4). S26 Eye contact: Wash with plenty of water.
5). S2 Skin contact: Wash off with water.
6). For further information see Safety Data Sheet and/or seek medical attention.
Symbols: TWA Time weighted average.
N/K Not known.
N/A Not applicable.
OES Occupational exposure standard.
RPE Respiratory protective equipment.

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.