



36/37 Haverscroft Industrial Estate
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MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION:

Commercial Name:	Livestock Louse Powder
Supplier:	Barrier Animal Healthcare, Unit 36/37 Haverscroft Industrial Estate, Attleborough, Norfolk. NR17 1YE Emergency Tel No (8.30a.m. to 4.30p.m.): 44(0)1953 456363 Emergency Contact: Sandra Morris

2. COMPOSITION/INFORMATION ON ACTIVE INGREDIENT/S: Citriodiol

Definition:	Obtained by steam distillation
H-No:	3301231 and 3301.29
CAS No:	8000-28-0 and 68647-73-4
CoE No:	257
FEMA:	2622
FDA:	182.20
IFRA:	Not restricted
RIFM:	monograph
EINECS:	85085-48-9 and 85085-48-9
RTECS:	RTECS#
FCC111:	official

3. HAZARDS IDENTIFICATION:

Xn. Harmful

4. FIRST AID MEASURES:

Eye Contact:	Rinse immediately with plenty of water,
Skin Contact:	Wash thoroughly with soap & water, flush with plenty of water.
Ingestion:	Wash mouth out with water.
Inhalation:	No known risk
Other:	When assessing action take Risk & Safety Phrases into account (section 15)

5. FIRE FIGHTING MEASURES:

Extinguishing Media Recommended:	Use CO ₂ , Foam or Dry Powder Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Measures:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus and protective clothing.
Extinguishing Procedures:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:	Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing,). Do not approach down-wind.
Environment Precautions:	Keep away from soil, surface & groundwater, and drains.
Methods for Cleaning Up:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE:

Precautions in Handling:	Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene and do not eat, drink or smoke whilst handling.
Storage Conditions:	Store in tightly closed original container, in a cool dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
Fire Protection:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Respiratory Protection:	Avoid breathing product vapour. Apply local ventilation where possible.
Ventilation:	Ensure good ventilation of working area.
Hand Protection:	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection:	Use safety glasses.
Work/Hygiene Practices:	Wash hands with soap and water after handling.

9. PHYSICAL & CHAMICAL PROPERTIES:

Colour/Appearance:	White Powder (Sterilizable Maize Powder carrier)
Flash Point °C:	57
Solubility in 85% ETHANOL@20°C:	
Relative Density	
Refractive Index @ 20°C:	
Optical Rotation @ 20°C:	

10. STABILITY & REACTIVITY:

Reactivity:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition:	Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION:

Found to be non-toxic, non-phototoxic, and non-irritating: see RIFM monograph. Ingestion: orl rat LD50 0.104ml/Kg ATTIA

12. ECOLOGICAL INFORMATION:

Biodegradability:	Data not available.
Precautions:	Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS:

Avoid disposing to drainage systems and into the environment.

14. TRANSPORT REGULATIONS:

Road (ADR/RID)	3.2
Sea (IMDG)	3
Air (IATA):	3
UN NO:	

15. REGULATORY INFORMATION:

Hazards:	Non-hazardous
Symbols:	
Risk Phrases:	
Safety Phrases:	-

16. OTHER INFORMATION:

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Contact:

Sandra Morris or Nigel Back on (Tel) 44 (0)1953 456363 or (Fax) 44 (0)1953 455594
or email: sales@barrier-biotech.com

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