

MATERIAL SAFETY DATA SHEET According to Directive 2001/59/EC		
REVISION : 1 Feb 2006	PRINT DATE : 11 Apr. 06	

1. Identification of Substance / Preparation and Company.

Product Name : BioKil Disinfectant

Company : Essex Rodent Control
Unit 3, Fleethall Road
Purdeys Industrial Estate
Rochford
Essex
SS4 1NF

Telephone : 01702 544777
Fax : 01702 543999

2. Composition / Information on Ingredients.

Description : An aqueous blend of non-ionic and cationic surfactants.

Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
Alkyl Dimethyl	68391-01-5	8	Corrosive/	22,34,50
Benzyl Ammonium Chloride			Dangerous for the environment	
Surfactant Blend	00000-00-0	>5	Irritant	41

3. Hazards Identification.

This product is classified as **IRRITANT** under the Chemicals Hazard Information and Packaging regulations 2002.

4. First Aid Measures.

Inhalation : In case of accident by inhalation : remove casualty to fresh air And rest. If symptoms persist seek medical advice.

Eye Contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact : After contact with skin, wash immediately with plenty of soap and water. For persistent irritation seek medical advice.

Ingestion : If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.

5. Fire Fighting Measures.

This product is not flammable. However, toxic fumes (oxides of carbon and nitrogen) may be evolved in the event of a fire. Treat fires with dry chemical, foam or water spray. Wear protective clothing and self-contained breathing apparatus. Prevent any run-off from entering water course or drains.

6. Accidental Release Measures.

Wear suitable protective equipment (see section 8). Clean up spillage with inert absorbent material and place in a secure labelled container. Dispose of waste material and contaminated containers via authorised waste disposal contractor. This product should not enter drainage or sewerage systems. Spillages will make surfaces very slippery. Clean spill area thoroughly and warn others of hazard until surface is dry.

7. Handling and Storage.

Do not mix with/store near strong oxidising agents.
Store away from heat, frost and sources of ignition.
Keep out of the reach of children.
Keep only in the original container. Keep container tightly closed. Keep in a safe place.
Keep away from food, drink and animal feeding stuffs.
When using do not eat, drink or smoke.
Wear suitable protective clothing, gloves and eye / face protection.
Wear respirator when spraying.
Wash hands and exposed skin before meals and after use.

8. Exposure Controls / Personal Protection.

Always consult the label before use.

Ingredient :

Alkyl Dimethyl Benzyl Ammonium Chloride	Acceptable Daily Intake (ADI) – not assigned.
Surfactant Blend	Acceptable Daily Intake (ADI) – not assigned

PPE :

Respirator	Compulsory when spraying.
Gloves	Impervious, recommended. Compulsory when using
Eye / Face Protection	Safety goggles / Face shield recommended. Compulsory when using
Protective Clothing	Impervious coveralls recommended. Compulsory when using

9. Physical and Chemical Properties.

Appearance :	Clear Colourless Liquid
Odour :	Characteristic
Active :	8%w/w Alkyl Dimethyl Benzyl Ammonium Chloride
Solubility in Water :	Soluble
pH :	6.0 – 8.0
SG :	0.990 – 1.020 g/ml

10. Stability and Reactivity.

Product is stable under normal conditions. Avoid mixing with other chemicals unless instructed to do so.
Avoid mixing with strong acids or alkalis.

11. Toxicological Information.

Eye Irritation :	This product is irritating to the eyes.
Skin Irritation :	This product may be irritating to the skin.
Skin Sensitiser :	No
Oral LD₅₀ :	>795 mg/Kg (Rat) (Alkyl Dimethyl Benzyl Ammonium Chloride)
Dermal LD₅₀ :	>2000 mg/Kg (Rabbit)

This product has not been tested. The data has been calculated from data from the individual components.

12. Ecological Information.

This product is classified as Very Toxic to aquatic organisms. This product should not enter any water system.

Ecotoxicity for Alkyl Dimethyl Benzyl Ammonium Chloride :

96hr LC₅₀ : 1 - 10mg/L (Fish) 48hr LC₅₀ : <1mg/L (Daphnia)

13. Disposal Considerations.

Empty container must be washed out thoroughly and cut before disposal by land fill. Contaminated packaging and waste product must be disposed of via an authorised waste disposal contractor. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information.

Proper Shipping Name :

UN No. :

Packaging Group :

ADR Class :

ADR Item No. :

HI No. :

IMDG :

Marine Pollutant :

IATA :

15. Regulatory Information.

Hazard Symbols : **IRRITANT**



Risk Phrases : R36 – Irritating to eyes.

Safety Phrases : S2 - Keep out of the reach of children.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 - After contact with skin, wash immediately with plenty of soap and water.
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 sheets.

16. Other Information.

Recommended Uses : Disinfectant concentrate

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