


SAFETY DATA SHEET According to Directive 2001/59/EC		
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1. Identification of Substance / Preparation and Company.

Product Name : DeltaMax

Company : Killgerm Chemicals Limited
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2. Composition / Information on Ingredients.

Description : An aqueous blend of non-ionic surfactants and active ingredient contained in a water soluble sachet.

Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
Deltamethrin	52918-63-5	2.50	Toxic	23,25,38,50,53,57

3. Hazards Identification.

This product is classified as **DANGEROUS FOR THE ENVIRONMENT** 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, hydrogen chloride and hydrogen fluoride) 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 watercourse 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 and any tools used thoroughly. Collect washings and dispose of as contaminated waste. Warn others of hazard until surface is dry.

7. Handling and Storage.

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 :

Deltamethrin Acceptable Daily Intake (ADI) – not assigned.

PPE :

Respirator	Wear a suitable mask or respirator when spraying.
Gloves	Wear rubber or plastic gloves.
Eye / Face Protection	Wear suitable protection (goggles or face shield).
Protective Clothing	Wear appropriate overalls and closed footwear.

9. Physical and Chemical Properties.

Appearance :	Clear Red Liquid
Odour :	Characteristic.
Active :	2.5%(w/w) Deltamethrin
Solubility in Water :	Soluble
pH :	3.5 – 4.5
SG :	1.020 – 1.040 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 may be irritating to the eyes.
Skin Irritation :	This product may be irritating to the skin.
Skin Sensitiser :	No
Oral LD₅₀ :	783 mg/Kg (Rat) (Deltamethrin)
Dermal LD₅₀ :	>2000 mg/Kg (Rabbit) (Deltamethrin)

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

12. Ecological Information.

This product is classified as may cause long-term adverse effects in the aquatic environment. This product should not enter any water system.

Ecotoxicity :

Deltamethrin : 96hr LC₅₀ : 0.0018mg/L (Fish)

13. Disposal Considerations.

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.

Damaged water soluble sachet:- EWC code 16 03 05. Hazardous Waste

Contaminated outer package:- EWC code 15 01 10* or 15 01 02 Hazardous* or non-hazardous depends on level of contamination.

Outer packaging, not contaminated:- EWC code 15 01 06 (mixed packaging).

14. Transport Information.

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Contains Deltamethrin)

UN No. : 3082

Packaging Group : III

ADR Class : Class 9

ADR Item No. :

HI No. : 90

IMDG :

Marine Pollutant : No

IATA :

15. Regulatory Information.

Hazard Symbols : **DANGEROUS FOR THE ENVIRONMENT**



Risk Phrases : R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

HSE No. : **8516**

16. Other Information.

Use only in accordance with label instructions.

The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the storage and transportation of the preparation. The information in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.