


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

Product Name : AlphaMax Plus

Company : Killgerm Chemicals Limited
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2. Hazards Identification.

This product is classified as **HARMFUL & DANGEROUS FOR THE ENVIRONMENT** under the Chemicals Hazard Information and Packaging regulations 2002.

3. Composition / Information on Ingredients.

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

Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
Alpha-Cypermethrin	67375-30-8	5.0	Toxic	20,25,38,50,53,57
Tetramethrin	7696-12-0	5.0	Dangerous for the environment	50/53

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 :

Alpha-Cypermethrin	Acceptable Daily Intake (ADI) – 0.01mg/Kg body weight.
Tetramethrin	Acceptable Daily Intake (ADI) – 0.03mg/Kg body weight.

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 Yellow Liquid
Odour :	Characteristic.
Active :	5.0%w/w Alpha-Cypermethrin, 5.0%w/w Tetramethrin
Solubility in Water :	Soluble
pH :	3.5 – 4.5
SG :	1.025 – 1.045 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 :	339.88 mg/Kg (Rat) in aqueous medium (Alpha-Cypermethrin)
Dermal LD₅₀ :	>2000 mg/Kg (Rabbit) (Alpha-Cypermethrin)

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

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.

Re-issued July 2009 to incorporate the REACH requirement changes to safety data sheets.