


<b>MATERIAL SAFETY DATA SHEET</b> According to Directive 2001/59/EC		
<b>REVISION :</b> 24 Mar. 2005	<b>PRINT DATE :</b> 03 Sep. 24	

**1. Identification of Substance / Preparation and Company.**

**Product Name :** Alpha SST

**Company :** J. V. Barrett & Co. Ltd  
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Warmley  
Bristol  
BS30 8TY

**Telephone :** + 44 (0)117 9672222  
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**Emergency Phone Number** + 44 (0) 117 9674655

**2. Composition / Information on Ingredients.**

**Description :** An aqueous blend of non-ionic surfactants and active ingredients.

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
Surfactant Blend	00000-00-0	>25	Irritant	41

**3. Hazards Identification.**

This product is classified as **HARMFUL & 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 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 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.
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.

<b>Appearance :</b>	Clear Yellow Liquid
<b>Odour :</b>	Characteristic.
<b>Active :</b>	5.0%w/w Alpha-cypermethrin, 5.0%w/w Tetramethrin
<b>Solubility in Water :</b>	Soluble
<b>pH :</b>	5.5 – 6.5
<b>SG :</b>	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.

<b>Eye Irritation :</b>	Risk of serious damage to eyes.
<b>Skin Irritation :</b>	This product may be irritating to the skin.
<b>Skin Sensitiser :</b>	No
<b>Oral LD<sub>50</sub> :</b>	339.88 mg/Kg (Rat) in aqueous medium (Alpha-cypermethrin)
<b>Dermal LD<sub>50</sub> :</b>	>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.**

**Recommended Uses :** Insecticide 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