MATERIAL SAFETY DATA SHEET

According to Directive 2001/59/EC

REVISION: PRINT DATE:

24 Mar. 2005 03 Sep. 24



1. Identification of Substance / Preparation and Company.

Product Name : Alpha SST

Company: J. V. Barrett & Co. Ltd

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Telephone : + 44 (0)117 9672222 **Fax :** + 44 (0)117 9614122 **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 Toxic 20,25,38,50,53,57 5.0 Tetramethrin 7696-12-0 Dangerous for the 5.0 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. If swallowed, do not induce vomiting: seek medical advice

immediately and show this container or label.

5. Fire Fighting Measures.

Ingestion:

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.

Appearance : Clear Yellow Liquid Characteristic.

Active: 5.0%w/w Alpha-cypermethrin, 5.0%w/w Tetramethrin

Solubility in Water: Soluble pH: 5.5-6.5

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 : Risk of serious damage to 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.

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:

Alpha-cypermethrin 96hr LC₅₀ : 2.8µg/L (Rainbow Trout)

48hr LC₅₀: 0.3µg/L (Daphnia Magna)

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: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Contains Alpha-cypermethrin, Tetramethrin)

UN No.: 3082
Packaging Group: III
ADR Class: Class 9

ADR Item No. :

HI No.: 90

IMDG : Marine Pollutant :

IATA:

15. Regulatory Information.

HARMFUL & DANGEROUS FOR THE ENVIRONMENT



No



Risk Phrases: R48/21/22 - Harmful: danger of serious damage to health by prolonged exposure in

contact with skin and if swallowed. R41 - Risk of serious damage to eyes.

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.: 7858

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