

<b>MATERIAL SAFETY DATA SHEET</b> According to Directive 2001/59/EC		
<b>REVISION :</b>  1 Oct 2006	<b>PRINT DATE :</b>  09 Oct. 06	

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

**Product Name :** SX Universal Wood Treatment

**Company :** Essex Environmental Supplies Ltd  
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Rochford  
Essex  
SS4 1NF

**Telephone :** + 44 (0)1494 816575  
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**2. Composition / Information on Ingredients.**

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

Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
Permethrin	52645-53-1	5.0	Harmful	22,36,43,50,53
Propiconazole	60207-90-1	5.63	Harmful	22,43,50/53
3-Iodo-2-Propynyl-Butyl Carbamate	55406-53-6	5.63	Harmful	20/22,41,50
Surfactant Blend	00000-00-0	>25	Irritant	41

**3. Hazards Identification.**

This product is classified as **IRRITANT & 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 :

Permethrin	Acceptable Daily Intake (ADI) – 0.05 mg/Kg body weight.
Propiconazole	Acceptable Daily Intake (ADI) – 0.04 mg/Kg body weight.
3-Iodo-2-Propynyl-Butyl Carbamate	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.

<b>Appearance :</b>	Clear Straw Coloured Liquid
<b>Odour :</b>	Characteristic.
<b>Active :</b>	5.0%(w/w) Permethrin, 5.63%w/w Propiconazole, 5.63%w/w 3-Iodo-2-Propynyl-Butyl Carbamate
<b>Solubility in Water :</b>	Soluble
<b>pH :</b>	6.5 – 8.5
<b>SG :</b>	1.040 – 1.060 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>	Yes
<b>Oral LD<sub>50</sub> :</b>	500 mg/Kg (Rat) Permethrin
<b>Dermal LD<sub>50</sub> :</b>	>2000 mg/Kg (Rabbit)

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. Product is biodegradable.

### Ecotoxicity :

Permethrin :	96hr LC <sub>50</sub> : 0.09mg/L (Rainbow Trout) 48hr LC <sub>50</sub> : 0.002µg/L (Daphnia Magna)
Propiconazole :	96hr LC <sub>50</sub> : 20mg/L (Brown Trout), 96hr LC <sub>50</sub> : >100mg/L (Carp)
3-Iodo-2-Propynyl-Butyl Carbamate :	96hr LC <sub>50</sub> : 67µg /L (Rainbow Trout) 48hr LC <sub>50</sub> : 696µg/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.

<b>Proper Shipping Name :</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Permethrin, Propiconazole, 3-Iodo-2-Propynyl-Butyl Carbamate)
<b>UN No. :</b>	3082
<b>Packaging Group :</b>	III
<b>ADR Class :</b>	Class 9
<b>ADR Item No. :</b>	
<b>HI No. :</b>	90
<b>IMDG :</b>	
<b>Marine Pollutant :</b>	No
<b>IATA :</b>	

## 15. Regulatory Information.

**Hazard Symbols :** IRRITANT & DANGEROUS FOR THE ENVIRONMENT



**Risk Phrases :** R41 – Risk of serious damage to eyes.  
R43 - May cause sensitisation by skin contact.  
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. :** 8343

## 16. Other Information.

**Recommended Uses :** Insecticide/fungicide concentrate

**Note :** 3-Iodo-2-Propynyl-Butyl Carbamate is a carbamate compound which has weak anticholinesterase activity, DO NOT USE if under medical advice not to work with anticholinesterase compounds.

**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