

MATERIAL SAFETY DATA SHEET According to Directive 2001/59/EC	
REVISION : 1 May 2007	PRINT DATE : 27 Oct. 08

1. Identification of Substance / Preparation and Company.

Product Name : CyperForce

Company : Essex Environmental Supplies Ltd
Unit 4, Airborne Industrial Estate
Arterial Road, Leigh On Sea
Essex, SS9 4EX

Telephone : + 44 (0)1702 524040
Fax : + 44 (0)1702 512635

2. Composition / Information on Ingredients.

Description : An aqueous blend of insecticide and non-ionic surfactants.

Hazardous Ingredients	CAS No.	% Range	Hazard	Risk No.
Cypermethrin	52315-07-8	10	Harmful	20/21/22,43,50/53
Surfactant Blend	00000-00-0	<5	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 fluoride, hydrogen chloride) 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 large amounts of 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 suitable container for safe disposal. Wash area down with water. Dispose of waste material and contaminated containers via authorised waste collection. However, care should be taken not to mix waste with incompatible materials such as strong acids or strong alkalis/bleaches. Large volumes of this product should not enter drainage or sewerage systems. Spillages will make surfaces very slippery. Clean spill area thoroughly and collect washings for safe disposal. 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
When using do not eat, drink or smoke.
Wear suitable protective clothing, gloves and eye / face protection.
Wash hands and exposed skin before meals and after use.

8. Exposure Controls / Personal Protection.

Always consult the label before use.

Ingredient :

Cypermethrin	Acceptable Daily Intake (ADI) - 0.05mg/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 Straw to Pale Amber Liquid
Odour :	Characteristic
Active :	10.0%w/w Cypermethrin
Solubility in Water :	Soluble
pH :	3.0 - 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 oxidising agents, strong acids, alkalis/bleaches.

11. Toxicological Information.

Eye Irritation :	Risk of serious damage to eyes.
Skin Irritation :	This product may be irritating to skin.
Skin Sensitiser :	Yes.
Oral LD₅₀ :	251 – 4123mg/Kg (rat) depending on carrier and conditions (Cypermethrin).
Dermal LD₅₀ :	>2400mg/Kg (rabbit) (Cypermethrin).
Inhalation LC₅₀ :	2.5mg/L (rat) 4 hr (Cypermethrin).

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

12. Ecological Information.

Whilst this product has not been tested it is expected to be biodegradable.

Ecotoxicity :

Cypermethrin : 96hr LC₅₀ : 0.002mg/L (brown trout)

13. Disposal Considerations.

Empty container must be washed out thoroughly and cut before disposal by land fill. 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 Cypermethrin)
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 : 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).

HSE No. : 8560

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.