



**CERTIFICATE OF REGISTRATION OF PESTICIDE/VECTOR
REPELLENT**

**ISSUED UNDER SECTION 8 OF THE CONTROL OF VECTORS AND PESTICIDES
ACT 1998**

Registration Number : SINNEAI-EmICN/025/0519

This is to certify that

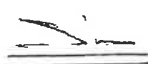
Name of Registrant : NEW EASTERN (1971) PTE LTD
Address of Principal : 371 BEACH ROAD
Place of Business : #09-02/03
KEYPOINT
SINGAPORE 199597
Company/Business Certificate No : 197100334C

has been granted registration of the following pesticide for advertisement, sale and supply in Singapore.

Product Name : NEWCYFLU 5 EC
Active Ingredient : CYFLUTHRIN
Content : CYFLUTHRIN 5.00% W/W
Formulation : EMULSIFIABLE CONCENTRATE
Manufacturer : SHANGHAI ZHONG SUAN FARM PRODUCTS
CO. LTD.
ROOM C, 13TH STOREY WU HUA COURT,
JADE BUDDHA CITY 1078,
JIANG NING ROAD, SHANGHAI,
CHINA, POST CODE 200060

The Certificate of Registration is issued subject to the conditions stated overleaf.

01 June 2007
Date of Registration


Director General of Public Health
Registration Authority

SAFETY DATA SHEET



Date Issued: 01 Jan 2018
MSDS Ref. No: Newcyflu5EC-024
Revision No.: See section 16

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Newcyflu 5 EC
Chemical family : Synthetic Pyrethroids
Chemical name (IUPAC) : (RS)- α -cyano-4-fluoro-3-phenoxy-benzyl (1RS, 3RS; 1RS, 3SR)-3-(2,2-dichlorovinyl)-2, 2-dimethylcyclopanecarboxylate
Formula : $C_{22}H_{18}C_{12}FNO_3$
Material usage : For control of Mosquitoes, flies and cockroaches

Company Name : New Eastern (1971) Pte Ltd
No. 69 Ubi Crescent #04-06
CES Building Singapore 408561

Emergency number to call : +65-62968777

For restricted use only.

2. HAZARDS IDENTIFICATION

Ingestion : LD50(rat) Oral : 5405mg/kg b.wt (female rat)
Based on WHO method of calculation

Skin : LD50(rat) Demal : >40,000mg/kg b.wt
Based on WHO method of calculation

Inhalation : LC50inhalation(rat) : 0.5mg/1 air (aerosol)

Irritancy : Eye – slight irritation
Skin – No irritant

Skin sensitization : Slight sensitizing

2.1 Label Element

Globally Harmonized System, EU(GHS)

Hazard Pictogram



3. COMPOSITION / INFORMATION ON INGREDIENTS

Active ingredient(s) : Cyfluthrin ----- 5% w/w

Insert ingredient(s) : Emulisifier ----- 10% w/w
Odourless Kerosens ----- 85% w/w

4. FIRST AID MEASURES

Inhalation:

- Remove to fresh air.
- Seek medical attention if patient is uncomfortable

Skin Contact:

- Remove soiled clothing
- Wash skin with soap and plenty of water
- Seek medical attention if irritation persists

Eye Contact:

- Flush eyes with large amount of clean water for 10 to 15 minutes.
- Seek medical attention

Ingestion:

- Do not induce vomiting. Let patient drink 1 or 2 glasses of water
- Seek medical attention immediately

5. FIRE FIGHTING MEASURES

Fire Fighting Procedures:

- Use dry chemical or carbon dioxide or standard foam
- Use self-containing breathing apparatus and full protective clothing
- Fight fire from maximum distance
- Stay away from storage area

Unsuitable extinguishing media:

- Water

Special Fire Precautions:

- As for all organic materials, combustion may lead to hazardous oxides of carbon and other toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

Sweep up spilled by means of an inert absorptive material such as hydrated limes, sawdust, clay or fuller's earth. Scope into proper containers and arrange for removal by a licensed contractor. Rinse affected area with water and suitable detergents.

7. HANDLING AND STORAGE

Handling:

- Do not drop the containers
- Keep tightly closed
- Wear heavy duty, natural rubber glove

Storage:

- Store in a dry cool, ventilated area, away from food stuff and animal feed
- Avoid storage above 50°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection

Respiratory	: Approved respirator
Eyes & Face	: Safety goggles or face shield
Hands	: Heavy duty, natural rubber gloves, chemical resistant
Ventilation	: Provide dry cool and well ventilated areas
Industrial Hygiene	: Safety shower and eye bath should be provided at work place. Do not eat, drink or smoke while working. Wash hands before meals and after work with soap.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: A brown viscous liquid
Form/Colour	: Yellow to brown clear liquid with
Odor	: A slight character odour
Molecular weight	: 416.3
FlashPoint (Method used)	: 45°C (Open cup)
Specific gravity	: 1.34g/cm ³
Autoignition Temperature	: N.A.
Vapour pressure	: 4.0 x 10 ⁻⁵ mPa(20°C)
Solubility in water	: 0.1 ppm at 25°C
Solubility in organic solvents	: Soluble in most organic solvents
Viscosity	: N.A.

10. STABILITY AND REACTIVITY

Hazardous reaction	: Unknown
Sensitivity	: None
Conditions to avoid	: Avoid spark generation and flames
Materials to avoid	: Strong alkali and acids
Hazardous decomposition products	: Combustion may lead to hazardous oxides of carbon and other toxic fumes

11. TOXICOLOGICAL INFORMATION

Toxic to fish, bird, bees and other aquatic life.

12. ECOLOGICAL INFORMATION

Biodegradation	: Degradation in soil rapidly. The metabolites of cyfluthrin are subject to microbial degradation to the point of mineralization to CO ₂
Chemical degradation	: It can be hydrolyzed by alkali

13. DISPOSAL CONSIDERATIONS

- Do not reuse container
- Triple rinse container and puncture container after use.
- Contact licensed industrial waster collector for proper disposal

14. TRANSPORT INFORMATION

Land	: UN no. 2902, Environmentally hazardous substances
Sea	: UN Hazard Class:6.1, UN no. 2902, Marine Pollutant
Air	: Not Classified

15. REGULATORY INFORMATION

Not known

16. OTHER INFORMATION

None

REVISION SUMMARY:

None

The data presented in this Material safety Data Sheet are believed to be correct and faithful. New Eastern (1971) Pte Ltd does not make guarantee or warranties of any kind regarding the completeness of accuracy thereof