

# SAFETY DATA SHEET



Date Issued: 15<sup>th</sup> June 2023  
SDS Ref. No: newcumin-003  
Revision No.: See section 16

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Newcumin Tracking Powder  
Chemical family : 4-hydroxy-3-(1,2,3,4-tetrahydro-1-naphthyl) coumarin  
Common name : Coumateraly  
Material Usage : For control of rodents

Product registered by : New Eastern (1971) Pte Ltd  
122 Woodlands Industrial Park E3  
Singapore 757848

Registration No : SINNEAI-TrkPD/025/0117

Emergency number to call : +65-62968777

Manufacturer : Agrolex (Jiangsu) Agrochemical Manufacturing Co Ltd  
269 Baota Road  
Gaochun Town  
Nanjing 211300  
PRC

For restricted use only

## 2. Hazards Identification

### 2.1 Classification of the substance mixture:

Not classified as hazardous: May cause organ damage from repeated oral exposure. May be Harmful to aquatic life

### 2.2 Label elements

Labelling: Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects

Precautionary statements: P102 Keep out of reach of children  
P270 Do not eat, drink or smoke when using this product  
P280 Wear protective gloves/ protective clothing  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water  
P391 Collect spillage  
P501 Dispose of contents/ container to an approved waste disposal plant

Supplement information: EUH401 To avoid risks to human health and the environment, Comply with the instructions for use

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Coumatralyl CAS Number 5836-29-3

- Calcium carbonate

## 3. HAZARDS IDENTIFICATION

Ingestion : LD50(rat) Oral 1933mg/kg  
Skin : LD50(rabbit) Dermal 13,333mg/kg  
Inhalation : LC50(rat) above 39mg/1/4h

### Signs and symptoms of exposure

Haemorrhagic diathesis, haematuria, extended prothrombin time. Abdominal pain, anemia and shock

## 4. FIRST AID MEASURES

Inhalation:

- Remove to fresh air.
- Seek medical attention immediately.

Skin Contact:

- Remove contaminated clothing, including shoes and immediately wash skin with soap and water.
- Seek medical attention if irritation persists

Eye Contact:

- Flush eyes with large amount of clean water for at least 15 minutes.
- Seek medical attention immediately

Ingestion:

- Induce vomiting by giving a tablespoon of salt in a glass of warm water or by touching the back of the throat with finger. Repeat until vomitus is clear.
- Do not use oil.
- Seek medical attention immediately

Note to Physician

Antidote: Vitamin K1

## 5. FIRE FIGHTING MEASURES

Fire Fighting Procedures:

- Use dry chemical or carbon dioxide for small fires, foam for large fires.
- Keep containers cool by spraying with water if exposed to fire

Special Fire Precautions:

- Wear self-containing breathing apparatus and protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Land Spill:

- Sweep up spilled powder.
- Scoop into proper containers and arrange for removal by a licensed contractor.
- Spill and waste disposal procedures approved by state local authorities must be observed
- Do not contaminate water, food or feed by storage and disposal.
- Do not reuse container
- Container for disposal must be triple rinse (or equivalent). Then puncture and dispose off in a sanitary landfill

## 7. HANDLING AND STORAGE

- Keep dry at ambient temperature
- Susceptible to smell. Store away from goods with smell
- Keep away from food, drink and animal feed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal Protection

#### Respiratory:

- In case of sufficient ventilation, wear a pesticide respirator jointly approved by the local authority.

#### Protective Glove:

- Wear heavy duty, natural rubber gloves

#### Eye Protection:

- Wear safety goggles

#### Other Protection:

- Wear long sleeve and long pants
- Wear rubber boots
- Keep all unprotected persons and children away from working area
- Before removing gloves, wash them with soap and water.
- Always wash hands, face and area with soap and water before smoking, eating or drinking
- After work, take off all work clothes and shoes, shower using soap and water. Wear only clean clothes before leaving job
- Do not wear contaminated clothing.
- Wash protective clothing and wash with soap and water after each use
- Respirator should be cleaned and filter replaced according to instructions included with respirator

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Form/Colour:	Blue
Odor:	Slight characteristic smell
Molecular weight:	292.3
PH:	NA
Empirical Formula:	C <sub>19</sub> H <sub>16</sub> O <sub>3</sub>
Vapor Pressure (20°C):	8.5 X 10 <sup>-6</sup> mPa
Solubility In Water (DegC):	Not dispersible
Viscosity:	Not Applicable
Evaporation Rate:	Not Applicable
Material to avoid:	Rapidly decompose in aqueous solutions exposed to sunlight or UV light
Auto-ignition temperature:	Not flammable
Flash Point:	Not relevant

## 10. STABILITY AND REACTIVITY

Stability of the substance:	Stable under standard conditions
Conditions to avoid:	Heat or moisture
Materials to avoid:	None
Hazardous reactions:	Oxides of carbon may be emitted in a fire
Hazardous polymerization:	None

## 11. TOXICOLOGICAL INFORMATION

Ingestion:	LD50 (Rat)	Oral: 1938mg/kg
Skin:	LD50 (Rabbit)	Dermal: 13,333 mg/kg
Inhalation:	LD50 (Rat)	>39mg/¼h

## 12. ECOLOGICAL INFORMATION

Toxicity to fish:	LC <sub>50</sub> (Rainbow trout ( <i>Oncorhynchus mykiss</i> )) 48 mg/L Exposure time: 96 h The value mentioned relates to the active ingredient coumatetralyl
Toxicity to aquatic invertebrates:	EC <sub>50</sub> (Daphnia) > 48 mg/L Exposure time: 48 h The value mentioned relates to the active ingredient coumatetralyl
Toxicity to aquatic plant:	EC <sub>50</sub> (Algae) > 18 mg/L The value mentioned relates to the active ingredient coumatetralyl
Toxicity to other organisms:	LD <sub>50</sub> (Japanese quail ( <i>Coturnix japonica</i> )) > 2000 mg/kg bw The value mentioned relates to the active ingredient coumatetralyl

## 13. DISPOSAL CONSIDERATIONS

- Combination with other materials may well indicate another route of disposal. If doubt, contact local Authorities.
- Do not reuse container
- Contact licensed industrial waster collector for proper disposal

## 14. TRANSPORT INFORMATION

Not restricted by sea, air or road

## 15. REGULATORY INFORMATION

Approved Handlers required: Not required

## 16. OTHER INFORMATION

### Direction for use

Newcumin is a ready to use tracking powder for the control of rat and mice. It can be used inside warehouse, around refuse dumps, vessels, zoos, etc where there are sign of rodent infestation.

### Application

Along rodent runways, rodent burrows. Place 50gm of Newcumin powder per burrow. Apply in a layer of 3-5 mm in thickness. Tracking powder can also be placed in a box with 2 sides opening along the runway. Check treated burrows and replenish if necessary until not sign of active rodent may infestation.

### REVISION SUMMARY:

001

The data presented in this 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