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|--|--|---------------|------------|
|  <b>CHILTERN PEST SOLUTIONS</b> | <b>COSHH Risk Assessment</b><br><b>EFFECT MICROTECH CS PRO</b> | Reference     | 02         |
|  |  | Review Period | Annually   |
|  |  | Rev. No.      | 1          |
|  |  | Issue Date    | 17/08/2024 |

| PRODUCT MANUFACTURER | SDS Date/Version        |
|----------------------|-------------------------|
| Unichem              | 26.05.2020 v1           |
|                      | HSE No/Authorisation No |
|                      | 9401                    |

| PRODUCT DESCRIPTION (colour, form, odour) | INGREDIENTS AND CONCENTRATIONS   |
|---|----------------------------------|
| White liquid, characteristic odour        | 8% Permethrin and 1% Prallethrin |





| DESCRIPTION OF ACTIVITY OR PROCESS (including duration & frequency of use and quantity & location of use)   |
|---|
| Effect Microtech CS is a micro-encapsulated formulation. It offers a residual effect of up to 6 months, combined with excellent knockdown effects against cockroaches, ants and other crawling insects. Areas of use are private as well as public areas, transport vehicles, waste storage containers, animal transport vehicles and their living quarters, in industrial food storages and storage compartments and in the buildings` surrounding area. |





| CLASSIFICATION   |  |  |  |  |   |  |  |  |
|--|--|--|--|--|---|--|--|--|
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | √   |  | √  |  |

| HAZARD CODES AND HAZARD STATEMENTS |  |                        |  |
|------------------------------------|--|------------------------|--|
| <b>H317</b>                        | <b>May cause an allergic skin reaction.</b>                  |                        |  |
| <b>H410</b>                        | <b>Very toxic to aquatic life with long lasting effects.</b> |                        |  |
| <b>EUH066</b>                      | <b>Repeated exposure may cause skin dryness or cracking.</b> |                        |  |
| <b>SIGNAL WORD</b>                 |  | <b>(Other Hazards)</b> |  |

| HAZARD & EXPOSURE |   |      |  |      |  |                |  |            |   |                 |   |             |   |        |   |
|-------------------|---|------|--|------|--|----------------|--|------------|---|-----------------|---|-------------|---|--------|---|
| Hazard Type       |   |      |  |      |  | Exposure Route |  |            |   | Who is at Risk? |   |             |   |        |   |
| Solid             |   | Dust |  | Mist |  | Vapour         |  | Inhalation | √ | Eyes            | √ | Employees   | √ | Client | √ |
| Liquid            | √ | Gas  |  | Fume |  | Other          |  | Ingestion  | √ | Skin            | √ | Contractors | √ | Public | √ |

| CONTROL MEASURES   |
|--|
| <p>Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Observe normal precautions that apply for handling with chemicals. Do not breathe vapours/aerosols. Avoid contact with eyes and skin.</p> <p>Keep away from food, drink and animal feeding stuffs. Provide good ventilation and local exhaust in areas with increased concentration.</p> <p>Wear recommended PPE.</p> <p>Do not allow product to reach drains, sewage systems or ground water.</p> |

| PPE OTHER THAN STANDARD UNIFORM AND SAFETY WORKBOOTS (State type and standard, including filter type) |                       |                          |   |                   |  |
|---|-----------------------|--------------------------|---|-------------------|--|
|                    | <b>Safety glasses</b> |                          |  | <b>Dust mask</b>  |  |
|                    | <b>Goggles</b>        | Safety goggles (EN 166). |  | <b>Respirator</b> |  |

|   |               |                             |   |                    |  |
|---|---------------|-----------------------------|---|--------------------|--|
|   | <b>Visor</b>  |                             |   | <b>Coveralls</b>   | Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345). Protective work clothing resistant to liquid chemicals (EN 14605). |
|  | <b>Gloves</b> | Protective gloves (EN 374). |  | <b>Other/Notes</b> |  |

**STORAGE**

|                |   |
|----------------|---|
| <b>Storage</b> | Store in the original container of producer. Store in accordance with local regulations. Keep in tightly closed container. Keep in a dry place. Keep in cool and well-ventilated area. Keep away from food, drink and animal feeding stuffs. Protect from direct sunlight. Keep out of the reach of children. Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers. |
|----------------|---|

**SAFETY**

|                       |  |
|-----------------------|--|
| <b>Safety Phrases</b> | <p>P102 Keep out of reach of children.</p> <p>P262 Do not get in eyes, on skin, or on clothing.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/eye protection/face protection.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501 Dispose of contents/container in accordance with national regulation.</p> |
|-----------------------|--|

**DISPOSAL COMPONENTS****EWC Code**

| Hazardous Waste | Commercial Waste | Domestic Waste | Return to Supplier | Recycling |
|-----------------|------------------|----------------|--------------------|-----------|
| √               |                  |                | √                  |           |

**FIRE (hazards & extinguisher type)**

|   | Water Spray | Dry Powder | Foam | CO2 | Wet Chemical |
|---|-------------|------------|------|-----|--------------|
| <p>In case of a fire toxic gases can be generated; do not inhale gases/smoke. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO).</p> <p>In case of fire or heating do not breathe fumes/vapours. Cool containers at risk with water spray. If possible remove containers from endangered area. No action shall be taken involving any personal risk or without suitable training.</p> <p>Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137). Contaminated firefighting water must be disposed of in accordance with the regulations; do not allow to reach the sewage system.</p> | √           | √          | √    | √   | √            |

**SPILLAGE MEASURES**

|   |
|---|
| Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Dispose in accordance with applicable regulations (see Section 13). |
|---|

**FIRST AID MEASURES**

|                  |  |
|------------------|--|
| <b>Swallowed</b> | Do not induce vomiting! Rinse mouth thoroughly with water. Consult a physician. Show the physician the safety data sheet or label.   |
| <b>Eyes</b>      | Immediately flush eyes with plenty of water while keeping eyelids apart (at least 15 minutes). After initial flushing, remove any contact lenses and continue flushing. If irritation persists, seek professional medical attention.     |
| <b>Skin</b>      | Immediately remove contaminated clothing. Wash affected skin areas thoroughly with plenty of water and soap. If symptoms develop and persist, seek medical attention.  |
| <b>Inhaled</b>   | Remove patient to fresh air - move out of dangerous area. If symptoms develop and persist, seek medical attention. If breathing is irregular or respiratory arrest occurs provide artificial respiration. Seek medical help immediately. |

**RISK RATING FOLLOWING CONTROL MEASURES**

| Low | Medium | High |
|-----|--------|------|
|     | √      |      |

**ASSESSOR DETAILS**

|                     |               |                              |   |
|---------------------|---------------|------------------------------|---|
| <b>Assessed By:</b> | Phil Spackman | <b>Signature [Initials]:</b> |  |
|---------------------|---------------|------------------------------|---|