












## Part 1 – Overview

|                        |                        |   |                                 |                      |           |
|------------------------|------------------------|---|---------------------------------|----------------------|-----------|
| <b>Assessment No.</b>  | COSHH 001              | <b>Assessment Date</b>  | December 2021                   | <b>Review Period</b> | 12 Months |
| <b>Assessor Name</b>   | Jonathan Ely           | <b>Position</b>   | Health & Safety Advisor         |                      |           |
| <b>Product Name</b>    | Crawling Insect Killer | <b>Manufacturer Details</b>   | Bayer Environmental Science     |                      |           |
| <b>Location of Use</b> | Confined space indoors | <b>Description of activity or work process that the product is used</b> | Pressurised Container Pesticide |                      |           |

## Part 2 – Evaluation

|   |   |   |   |   |   |   |   |   |           |  |
|---|---|---|---|---|---|---|---|---|-----------|--|
| <b>Persons at Risk</b>  | Employees   | ✓   | Contractors   | ✓   | Visitors  | ✓   | Public  | ✓   | Other     |  |
| <b>Route of Exposure</b>  | Inhalation  | ✓   | Ingestion   |   | Skin Contact  | ✓   | Eye Contact   | ✓   | Injection |  |
| <b>Hazard Symbols</b>   |   |   |   |   |   |   |   |   |           |  |
|  |  |  |  |  |  |  |  |  |           |  |
| Explosive   | Flammable   | Oxidising   | Corrosive   | Acute toxicity  | Hazardous to the environment  | Health hazard   | Serious health hazard   | Gas under pressure  |           |  |



| Hazard Statements   | Precautionary Statements   |
|---|--|
| <p>F+ Extremely flammable. N Dangerous for the environment. R12 Extremely flammable. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S2 Keep out of the reach of children. S16 Keep away from sources of ignition - No smoking. S23 Do not breathe spray. S35 This material and its container must be disposed of in a safe way. S51 Use only in well-ventilated areas. S57 Use appropriate container to avoid environmental contamination.</p> | <p><b>Respiratory Protection:</b> No personal respiratory protective equipment normally required. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.</p> <p><b>Hand protection:</b> Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.</p> <p><b>Eye protection:</b> Wear goggles conforming to EN166 (Field of Use 5 or equivalent).</p> <p><b>Skin and body protection:</b> Wear standard coverall and type 6 suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.</p> <p><b>Hygiene measures:</b> Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).</p> |

## Part 3 – Control Measures













| First Aid Measures   |  |
|----------------------|--|
| Inhalation           | Move to fresh air. Keep patient warm and at rest. Call a physician or poison control centre immediately  |
| Ingestion            | Nil  |
| Skin Contact         | Wash off immediately with soap and plenty of water. In case of skin irritation, application of oils or lotions containing vitamin E may be considered. Get medical attention if irritation develops and persists.                            |
| Eye Contact          | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists. |
| Injection            | Nil  |
| General              | Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.  |
| Symptoms & Treatment | Treat symptomatically. This product contains a pyrethroid. Must NOT be confused with organophosphorus compounds!   |



|                                |  |   |   |
|--------------------------------|--|---|---|
| <p><b>Fire Precautions</b></p> | <p><b>Suitable Extinguishing Media:</b> Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.<br/> <b>Extinguishing media which should not be used for safety reasons:</b> High volume water jet<br/> <b>Specific hazards during firefighting:</b> In the event of fire the following may be released: Carbon monoxide (CO)<br/> <b>Special protective equipment for fire-fighters:</b><br/>                 In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus. Further information: Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Contain the spread of the fire-fighting media. Do not allow run-off from firefighting to enter drains or water courses</p> | <p><b>Spillage (accidental release)</b></p> | <p><b>Personal Precautions:</b><br/>                 Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment. Remove all sources of ignition.<br/> <b>Environmental Precautions:</b><br/>                 Do not allow to get into surface water, drains and ground water. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).<br/> <b>Methods for cleaning up:</b><br/>                 Clean contaminated floors and objects thoroughly, observing environmental regulations. Keep in suitable, closed containers for disposal.</p> |
| <p><b>Handling</b></p>         | <p><b>Advice on safe handling:</b><br/>                 No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Ensure adequate ventilation.<br/> <b>Advice on protection against fire and explosion:</b><br/>                 The product is extremely flammable. Vapours may form explosive mixture with air. Fire or intense heat may cause violent rupture of packages. Keep away from heat and sources of ignition.</p>   | <p><b>Storage</b></p>                       | <p><b>Requirements for storage areas and containers:</b><br/>                 Store in original container and out of the reach of children, preferably in a locked storage area. Keep away from direct sunlight. Protect from freezing. Keep containers tightly closed in a dry, cool and well-ventilated place.<br/> <b>Advice on common storage:</b><br/>                 Keep away from food, drink and animal feeding stuffs.<br/> <b>Storage stability:</b><br/>                 Storage temperature &lt; 50 °C<br/> <b>Suitable materials:</b><br/>                 Tinplate with interior lacquer</p>  |

| Workplace Exposure Limits (WEL)                   |                                   |                       |                                       |                       |
|---|-----------------------------------|-----------------------|---------------------------------------|-----------------------|
| Ingredient  | 8-hour (long term exposure limit) |                       | 15-minute (short term exposure limit) |                       |
| Butane  | 1450 ppm                          | 600 mg/m <sup>3</sup> | 1810 ppm                              | 750 mg/m <sup>3</sup> |
| Active Ingredients (if not identified with a WEL) |                                   |                       |                                       |                       |
| Nil   |                                   |                       |                                       |                       |



| Personal Protective Equipment   |  |   |   |   |  |   |   |   |   |   |   |
|---|--|---|---|---|--|---|---|---|---|---|---|
|  |   |  |  |  |  |  |    |  |  |  |  |
| Glasses   | Goggles  | Face Shield   | Dust Mask   | Half Mask RPE   | Full Face RPE  | Air Fed RPE / SCBA  | Gloves  | Boots   | Apron   | Coveralls   | Lab / Chefs Coat  |
|   | EN166  |   |   |   |  |   | Nitrile   |   |   | Type 6  |   |
| <b>Other:</b>   | Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.  |   |   |   |  |   |   |   |   |   |   |
| <b>Physical State of Product:</b>   |  | Aerosol   |   |   |  |   |   |   |   |   |   |
| <b>Disposal</b>   | <p><b>Product:</b> Disposal of the liquid product when not contained in the aerosol container by incineration in an appropriately licensed commercial incinerator. Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).</p> <p><b>Contaminated packaging:</b> Ensure aerosol container is empty before disposal. Dispose of empty and cleaned packaging safely.</p> <p><b>Waste key for the unused product:</b> 160504 gases in pressure containers (including halons) containing dangerous substances</p> |   |   |   |  | <b>Transport</b>  | <ul style="list-style-type: none"> <li>Do not transport in open containers.</li> <li>Do not transport off premise.</li> </ul> |   |   |   |   |
| <b>Local Exhaust Ventilation</b>  | <ul style="list-style-type: none"> <li>Only use in well ventilated areas.</li> <li>Used forced induction within enclosed areas</li> </ul>  |   |   |   |  | <b>Monitoring Requirements</b>  | Nil   |   |   |   |   |
| <b>Training Requirements</b>  | <ul style="list-style-type: none"> <li>Only properly trained and authorised personnel shall handle the substance.</li> <li>Communicate all relevant COSHH assessments, risk assessments and method statements</li> </ul>   |   |   |   |  | <b>Additional Controls</b>  | Nil   |   |   |   |   |



## Part 4 - Completion

| Additional Comments |
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