## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name**
Fyfanon EW Insecticide

**Other means of identification**

**Product Code(s)**
FO002270-A

**Legacy Product Code**
F4279-1; 3110-03

**Synonyms**
MALATHION: diethyl [(dimethoxyphosphiniothioyl)thio]butanedioate (CAS Name); diethyl(dimethoxyphosphiniothiolthio)succinate (IUPAC Name)

**Active Ingredient(s)**
Malathion

**Formula**
C₁₀H₁₉O₆PS₂ (Malathion)

**Chemical Family**
Organophosphate

### Recommended use of the chemical and restrictions on use

**Recommended Use:**
Insecticide

**Restrictions on Use:**
Use as recommended by the label.

**Supplier Address**
FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
(215) 299-6000 (General Information)
msdsinfo@fmc.com (E-Mail General Information)

**Emergency telephone number**

For leak, fire, spill or accident emergencies, call:
1 800 / 424-9300 (CHEMTREC - U.S.A.)
1 703 / 741-5970 (CHEMTREC - International)
1 703 / 527-3887 (CHEMTREC - Alternate)

Medical Emergencies:
1 800 / 331-3148 (ProPharma Group - U.S.A. & Canada)
1 651 / 632-6793 (ProPharma Group - All Other Countries - Collect)

## 2. HAZARDS IDENTIFICATION

### Classification

### OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
Skin corrosion/irritation  Category 2
Serious eye damage/eye irritation  Category 2B
Skin sensitization  Category 1

GHS Label elements, including precautionary statements

EMERGENCY OVERVIEW

Warning

Hazard Statements
H302 - Harmful if swallowed
H315 - Causes skin irritation
H320 - Causes eye irritation
H317 - May cause an allergic skin reaction
H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements - Prevention
P202 - Do not handle until all safety precautions have been read and understood
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
P304 - Rinse mouth

Precautionary Statements - Storage
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P411 + P235 - Store at temperatures not exceeding 25°C/77°F. Keep cool.

Precautionary Statements - Disposal
P501 - Dispose of contents/container according to label directions

Hazards not otherwise classified (HNOC)
No hazards not otherwise classified were identified.

Other Information
Very toxic to aquatic life with long lasting effects. May be harmful in contact with skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family  Organophosphate.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical</td>
<td>121-75-5</td>
<td>40.9</td>
</tr>
</tbody>
</table>
Synonyms are provided in Section 1.

### 4. FIRST AID MEASURES

**Eye Contact**
Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

**Skin Contact**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

**Inhalation**
Move person from contaminated area to fresh air. Seek medical attention immediately. If person is not breathing, give artificial respiration, preferably by mouth-to-mouth, if possible.

**Ingestion**
Do not induce vomiting without medical advice. Rinse mouth with water and afterwards drink plenty of water or milk. If vomiting does occur, rinse mouth and drink fluids again. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

**Most important symptoms and effects, both acute and delayed**
Malathion is a cholinesterase inhibitor affecting the central and peripheral nervous systems producing respiratory depression.

**Indication of immediate medical attention and special treatment needed, if necessary**
This product contains a reversible cholinesterase inhibitor. If any sign of cholinesterase inhibition occurs, call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to an organophosphorus insecticide. Describe his/her condition and the extent of exposure. Immediately remove the exposed person from the area where the product is present. Treatment is symptomatic and supportive. Atropine sulfate is antidotal.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Dry chemical, Carbon dioxide (CO$_2$), Water spray, Foam. Avoid heavy hose streams.

**Specific Hazards Arising from the Chemical**
None known

**Hazardous Combustion Products**
The essential breakdown products are volatile, toxic, irritant and inflammable compounds such as: Dimethyl sulphide, methyl mercaptan, Sulfur dioxide, Carbon monoxide, Carbon dioxide (CO$_2$), phosphorus pentoxide.

**Explosion data**

**Sensitivity to Mechanical Impact**
No information available.

**Sensitivity to Static Discharge**
Yes.

**Protective equipment and precautions for firefighters**
Use water spray to cool fire exposed surfaces and protect personnel. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Dike to prevent runoff. As in any fire, wear self-contained breathing apparatus and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Isolate and post spill area. Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.

**Other**
For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 “Product and Company Identification” above.

**Environmental Precautions**
Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
Methods for Containment  Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up  If appropriate, surface water drains should be covered. Minor spills on the floor or other impervious surface should be swept up or preferably vacuumed up using equipment with high efficiency final filter. Transfer to suitable containers. Clean area with strong industrial detergent and much water. Absorb wash liquid onto a suitable absorbent such as hydrated lime, universal binder, attapulgite, bentonite or other absorbent clays and transfer contaminated absorbent to suitable containers. The used containers should be properly closed and labelled.

7. HANDLING AND STORAGE

Handling  Handle in accordance with good industrial hygiene and safety practice. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. Handle product only in closed system or provide appropriate exhaust ventilation at machinery. Use only in area provided with appropriate exhaust ventilation. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. Wear personal protective equipment. Refer to Section 8.

Storage  Keep at a temperature not exceeding 25°C. Keep away from heat and sources of ignition i.e., steam pipes, radiant heaters, hot air vents or welding sparks. Keep container tightly closed in a dry and well-ventilated place. Keep out of reach of children and animals. Keep away from food, drink and animal feedingstuffs. Keep/store only in original container. Keep in properly labeled containers.

Incompatible products  Strong alkalis, Amines, Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical</td>
<td>TWA: 1 mg/m³</td>
<td>TWA: 15 mg/m³</td>
<td>IDLH: 250 mg/m³</td>
<td>Mexico: TWA 10 mg/m³</td>
</tr>
<tr>
<td>(121-75-5)</td>
<td>S*</td>
<td>TWA: 10 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>Ceiling: 2 mg/m³</td>
<td>TWA: 2 mg/m³</td>
<td>IDLH: 10 mg/m³</td>
<td>Mexico: Ceiling 2 mg/m³</td>
</tr>
<tr>
<td>(1310-73-2)</td>
<td></td>
<td></td>
<td>Ceiling: 2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>British Columbia</th>
<th>Quebec</th>
<th>Ontario TWAEV</th>
<th>Alberta</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical</td>
<td>TWA: 1 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 1 mg/m³</td>
<td>TWA: 1 mg/m³</td>
</tr>
<tr>
<td>(121-75-5)</td>
<td>Skin</td>
<td>Skin</td>
<td>inhalable fraction and</td>
<td>Skin</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>vapor</td>
<td></td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>Ceiling: 2 mg/m³</td>
<td>Ceiling: 2 mg/m³</td>
<td>CEV: 2 mg/m³</td>
<td>Ceiling: 2 mg/m³</td>
</tr>
<tr>
<td>(1310-73-2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering measures  Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment

Eye/Face Protection  For exposure to mists or sprays, wear safety goggles or face shield for chemical agents. Maintain eye wash fountain and quick-drench facilities in work area.

Skin and Body Protection  Minimize skin contamination by following good industrial hygiene practices.

Hand Protection  Use protective gloves made of chemical materials such as nitrile or neoprene. Wash the outside of gloves with soap and water before reuse. Check regularly for leaks.
Respiratory Protection

The product does not automatically present an airborne exposure concern during normal handling. In the event of an accidental discharge of the material which produces a heavy vapour or mist, workers should put on officially approved respiratory protection equipment with a universal filter type including particle filter.

Hygiene measures

Clean water should be available for washing in case of eye or skin contamination. Remove and wash contaminated clothing before re-use. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Launder work clothing separately from regular household laundry.

General information

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Suspension</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Off-white</td>
</tr>
<tr>
<td>Odor</td>
<td>Glue-like</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>4.53 @ 25°C (undiluted); 5.32 @25°C (1% dilution in water)</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>&lt; 0 °C</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C / 212 °F (PMCC)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable (Product is a liquid)</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.072 g/mL @ 20°C</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Miscible with water</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>1092 mPa.s at 20°C, 973 mPa.s at 40°C</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Non-oxidizing</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No information available</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity

None under normal use conditions

Chemical Stability

Stable up to 100 °C. Heating above this temperature may cause explosive decomposition.

Possibility of Hazardous Reactions

None known.

Hazardous polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heating can release hazardous gases. The product should never be heated above 55°C. Local heating above this temperature should be avoided as well.

Incompatible materials

Strong alkalis, Amines, Strong oxidizing agents.

Hazardous Decomposition Products

See Section 5 for more information.

11. TOXICOLOGICAL INFORMATION
Fyfanon EW Insecticide

Product Information

LD50 Oral : > 2000 mg/kg (rat)
LD50 Dermal : > 4000 mg/kg (rat)
LC50 Inhalation : > 5.75 mg/L 4 hr (rat)

Serious eye damage/eye irritation Mildly irritating (rabbit).
Skin corrosion/irritation Mildly irritating (rabbit).
Sensitization May cause sensitization by skin contact

Information on toxicological effects

Symptoms Malathion is a cholinesterase inhibitor affecting the central and peripheral nervous systems producing respiratory depression. On contact, the first symptoms to appear may be irritation. Symptoms of cholinesterase inhibition: nausea, headache, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, laboured breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Mutagenicity The product contains no ingredients known to be mutagenic.
Carcinogenicity Malathion Limited evidence of a carcinogenic effect
Neurological effects Malathion: No information available
Reproductive toxicity This product does not contain any known or suspected reproductive hazards.
STOT - single exposure No known effects under normal use conditions.
STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure. See listed target organs below.

Target organ effects Nervous System, Acetylcholinesterase Inhibition

Neurological effects Malathion: No information available
Aspiration hazard The product does not present an aspiration pneumonia hazard.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical</td>
<td></td>
<td>Group 2A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>121-75-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend:
IARC (International Agency for Research on Cancer)
Group 2A - Probably Carcinogenic to Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

12. ECOLOGICAL INFORMATION

Ecotoxicity

Malathion Technical (121-75-5)

<table>
<thead>
<tr>
<th>Active Ingredient(s)</th>
<th>Duration</th>
<th>Species</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion</td>
<td>96 h LC50</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>0.18</td>
<td>mg/L</td>
</tr>
<tr>
<td></td>
<td>37-day NOEC</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>21</td>
<td>µg/L</td>
</tr>
<tr>
<td></td>
<td>48 h EC50</td>
<td>Daphnia magna</td>
<td>0.72</td>
<td>µg/L</td>
</tr>
<tr>
<td></td>
<td>21 d NOEC</td>
<td>Daphnia magna</td>
<td>0.06</td>
<td>µg/L</td>
</tr>
<tr>
<td></td>
<td>72-h IC50</td>
<td>Selenastrum capricornutum</td>
<td>4.06</td>
<td>mg/L</td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>Bobwhite quail</td>
<td>359</td>
<td>mg/kg</td>
</tr>
<tr>
<td></td>
<td>5-day dietary LC50</td>
<td>Bobwhite quail</td>
<td>3497</td>
<td>mg/kg</td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>Mallard duck</td>
<td>1485</td>
<td>mg/kg</td>
</tr>
<tr>
<td></td>
<td>14-day LC50</td>
<td>Earthworm</td>
<td>613</td>
<td>mg/kg</td>
</tr>
<tr>
<td></td>
<td>LD50 acute oral</td>
<td>Honey bees</td>
<td>0.38</td>
<td>µg/bee</td>
</tr>
</tbody>
</table>
Persistence and degradability
Malathion: Biodegradable, but does not meet the criteria for being readily biodegradable, Non-persistent.

Bioaccumulation
Malathion: Not expected to bioaccumulate.

Mobility
Malathion: Medium mobility; has some potential to reach groundwater.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods
Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance. Proper personal protective equipment, as described in Sections 7 and 8, must be worn while handling materials for waste disposal.

Contaminated Packaging
Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

14. TRANSPORT INFORMATION

DOT
NOT REGULATED Classification below is only applicable when this material is packaged in quantities of 240 lbs or more

<table>
<thead>
<tr>
<th>UN/ID no</th>
<th>Proper Shipping Name</th>
<th>Hazard class</th>
<th>Packing Group</th>
<th>Reportable Quantity (RQ)</th>
<th>Marine Pollutant</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Malathion</td>
<td>9</td>
<td>III</td>
<td>Malathion</td>
<td>Malathion</td>
<td>UN3082, Environmentally hazardous substance, liquid, n.o.s. (Malathion), 9, III, RQ</td>
</tr>
</tbody>
</table>

TDG
Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

<table>
<thead>
<tr>
<th>UN/ID no</th>
<th>Proper Shipping Name</th>
<th>Hazard class</th>
<th>Packing Group</th>
<th>Marine Pollutant</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Malathion</td>
<td>9</td>
<td>III</td>
<td>Malathion</td>
<td>UN3082, Environmentally hazardous substance, liquid, n.o.s. (Malathion), 9, III, RQ</td>
</tr>
</tbody>
</table>

ICAO/IATA

<table>
<thead>
<tr>
<th>UN/ID no</th>
<th>Proper Shipping Name</th>
<th>Hazard class</th>
<th>Packing Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Malathion</td>
<td>9</td>
<td>III</td>
<td>UN3082, Environmentally hazardous substance, liquid, n.o.s. (Malathion), 9, III</td>
</tr>
</tbody>
</table>

Limited quantity 30 kg G

IMDG/IMO

<table>
<thead>
<tr>
<th>UN/ID no</th>
<th>Proper Shipping Name</th>
<th>Hazard class</th>
<th>Packing Group</th>
<th>Ems No.</th>
<th>Marine Pollutant</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Malathion</td>
<td>9</td>
<td>III</td>
<td>F-A, S-F</td>
<td>Malathion</td>
<td>UN3082, Environmentally hazardous substance, liquid, n.o.s. (Malathion), 9, III</td>
</tr>
</tbody>
</table>
15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical - 121-75-5</td>
<td>121-75-5</td>
<td>40.9</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Acute health hazard: Yes
Chronic health hazard: Yes
Fire hazard: Yes
Sudden release of pressure hazard: No
Reactive Hazard: No

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical - 121-75-5</td>
<td>100 lb</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical - 121-75-5</td>
<td>100 lb</td>
<td>45.4 kg</td>
</tr>
<tr>
<td>Hydrogen peroxide - 7722-84-1</td>
<td></td>
<td>1000 lb</td>
</tr>
</tbody>
</table>

FIFRA Information
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION
Harmful if swallowed or absorbed through skin.
Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.
Toxic to aquatic organisms, including fish and invertebrates
Highly toxic to bees exposed to direct treatment on blooming crops or weeds.

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical - 121-75-5</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations
Fyfanon EW Insecticide

Chemical name | New Jersey | Massachusetts | Pennsylvania
---|---|---|---
Malathion Technical 121-75-5 | X | X | X
Sodium Hydroxide 1310-73-2 | X | X | X

International Inventories

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>TSCA (United States)</th>
<th>DSL (Canada)</th>
<th>EINECS/ELINCS (Europe)</th>
<th>ENCS (Japan)</th>
<th>China (IECSC)</th>
<th>KECL (Korea)</th>
<th>PICCS (Philippines)</th>
<th>AICS (Australia)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malathion Technical 121-75-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>X</td>
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</tr>
<tr>
<td>Sodium Hydroxide 1310-73-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Mexico - Grade: Serious risk, Grade 3

CANADA

WHMIS Statement
This product has been classified in accordance with the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

WHMIS Hazard Class: D2B - Toxic materials

NFPA Health Hazards 2 Flammability 2 Instability 0 Special Hazards -
HMIS Health Hazards 2* Flammability 2 Physical hazard 0 Personal Protection X

*Indicates a chronic health hazard.

NFPA/HMIS Ratings Legend: Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

Revision date: 2018-05-02
Reason for revision: (M)SDS sections updated

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Prepared By: FMC Corporation
End of Safety Data Sheet