SECTION 1: Product and company identification

Product name: Metered Insecticide
Use of the substance/mixture: Aerosol Insecticide
Product code: 840301
Company: Share Corporation
  P.O. Box 245013
  Milwaukee, WI 53224 - USA
  T (414) 355-4000
Emergency number: Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)
Flam. Aerosol 1 H222
Liquefied gas H280
Skin Irrit. 2 H315
Eye Irrit. 2A H319
Skin Sens. 1 H317
STOT SE 3 H336
Asp. Tox. 1 H304

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling
Hazard pictograms (GHS-US):
- Flammable (GHS02)
- Liquefied gas (GHS04)
- Skin irritation (GHS07)
- Eye irritation (GHS08)

Signal word (GHS-US): Danger
Hazard statements (GHS-US):
- Extremely flammable aerosol
- Contains gas under pressure; may explode if heated
- May be fatal if swallowed and enters airways
- Causes skin irritation
- May cause an allergic skin reaction
- Causes serious eye irritation
- May cause drowsiness or dizziness

Precautionary statements (GHS-US):
- Keep away from heat, sparks, open flames, hot surfaces, Do not smoke. - No smoking
- Do not spray on an open flame or other ignition source
- Pressurized container: Do not pierce or burn, even after use
- Avoid breathing mist, spray
- Wash thoroughly after handling
- Use only outdoors or in a well-ventilated area
- Contaminated work clothing must not be allowed out of the workplace
- Wear protective gloves, eye protection
- If swallowed: Immediately call a doctor, a POISON CENTER, Do NOT induce vomiting
- If on skin: Wash with plenty of IF ON SKIN: Wash with plenty of soap and water
- If inhaled: Remove person to fresh air and keep comfortable for breathing
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Call a POISON CENTER, a doctor if you feel unwell
- Specific treatment (see First aid measures on this label)
- Do NOT induce vomiting
- If skin irritation occurs: Get medical advice/attention
- If skin irritation or rash occurs: Get medical advice/attention
- If eye irritation persists: Get medical advice/attention
- Take off contaminated clothing and wash before reuse
- Take off contaminated clothing and wash it before reuse
- Store in a well-ventilated place. Keep container tightly closed
- Store locked up
- Protect from sunlight. Store in a well-ventilated place
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
- Dispose of contents/container to comply with local/regional/national/international regulations
### Section 3: Composition/Information on Ingredients

#### 3.1. Substance
Not applicable

Full text of H-phrases: see section 16

#### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</td>
<td>(CAS No) 64742-47-8</td>
<td>60 - 70</td>
<td>Flam. Liq. 4, H227 Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>propane</td>
<td>(CAS No) 74-98-6</td>
<td>20 - 30</td>
<td>Flam. Gas 1, H220 Compressed gas, H280</td>
</tr>
<tr>
<td>butane</td>
<td>(CAS No) 106-97-8</td>
<td>5 - 10</td>
<td>Flam. Gas 1, H220 Compressed gas, H280</td>
</tr>
<tr>
<td>ETHYLHEXYLBICYCLOHEPTENE DICARBOXIMIDE</td>
<td>(CAS No) 113-48-4</td>
<td>2.5 - 3.5</td>
<td>Not classified</td>
</tr>
<tr>
<td>PIPERONYL BUTOXIDE</td>
<td>(CAS No) 51-03-6</td>
<td>1.5 - 2</td>
<td>Not classified</td>
</tr>
<tr>
<td>pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex</td>
<td>(CAS No) 8003-34-7</td>
<td>0.8 - 1</td>
<td>Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H333</td>
</tr>
</tbody>
</table>

### Section 4: First Aid Measures

#### 4.1. Description of first aid measures

**First-aid measures general**: If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation**: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**First-aid measures after skin contact**: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**First-aid measures after eye contact**: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**First-aid measures after ingestion**: Immediately call a poison center or doctor/physician. Do not induce vomiting. Vomiting: prevent asphyxia/aspiration pneumonia.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/injuries**: Extremely flammable. Contents under pressure. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

**Symptoms/injuries after inhalation**: Harmful if inhaled. Dizziness.

**Symptoms/injuries after skin contact**: Causes skin irritation.

**Symptoms/injuries after eye contact**: Causes serious eye irritation.

**Symptoms/injuries after ingestion**: May be fatal if swallowed and enters airways.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### Section 5: Firefighting Measures

#### 5.1. Extinguishing Media

**Suitable extinguishing media**: Water spray. Water fog. Foam.

#### 5.2. Special Hazards arising from the substance or mixture

**Fire hazard**: Flammable aerosol. Under fire conditions closed containers may rupture or explode.

**Explosion hazard**: Contains gas under pressure; may explode if heated. Vapors may may travel long distances along ground before igniting/flashing back to vapor source. Bursting aerosol containers may be propelled from a fire at high speed.

**Reactivity**: Upon combustion: CO and CO2 are formed.

#### 5.3. Advice for Firefighters

**Firefighting instructions**: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. No action shall be taken involving any personal risk or without suitable training. Move containers away from the fire area if this can be done without risk.

**Protection during firefighting**: Do not attempt to take action without suitable protective equipment.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

**General measures**: Evacuate unnecessary personnel. Isolate from fire, if possible, without unnecessary risk. Gas is denser than air. May accumulate in low areas e.g. close to the ground. Eliminate every possible source of ignition.

6.1.1. For non-emergency personnel

**Protective equipment**: Do not enter without an appropriate protective equipment.

**Emergency procedures**: Evacuate unnecessary personnel.

6.1.2. For emergency responders

**Protective equipment**: Equip cleanup crew with proper protection.

**Emergency procedures**: Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

**For containment**: Stop leak if safe to do so. Isolate area until gas has dispersed. Eliminate every possible source of ignition. Use water spray to disperse the vapors. Collect spillage.

**Methods for cleaning up**: Take up liquid spill into inert absorbent material.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

**Additional hazards when processed**: Pressurized container: Do not pierce or burn, even after use.

**Precautions for safe handling**: Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Pressurized container: Do not pierce or burn, even after use. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal.

7.2. Conditions for safe storage, including any incompatibilities

**Technical measures**: Do not puncture, incinerate or crush.

**Storage conditions**: Do not expose to temperatures exceeding 50 °C/ 122 °F.

**Heat-ignition**: KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources.

**Storage area**: Store in a cool area. Store away from heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Chemical</th>
<th>ACGIH TWA (ppm)</th>
<th>OSHA PEL (TWA) (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Butane</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

**Appropriate engineering controls**: Ensure good ventilation of the work station.

**Personal protective equipment**: Gloves. Safety glasses. Insufficient ventilation: wear respiratory protection. Use appropriate personal protective equipment when risk assessment indicates this is necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

**Physical state**: Gas

**Appearance**: Aerosol. clear. Liquid.
Odor: Solvent-like odor Cherry
Odor threshold: No data available
pH: No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: 170 °F (liquid portion)
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): No data available
Explosion limits: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Vapor pressure: No data available
Relative density: No data available
Relative vapor density at 20 °C: No data available
Specific gravity / density: 0.8 g/ml
Solubility: Insoluble in water.
Log Pow: No data available
Log Kow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
VOC content: 35 %

SECTION 10: Stability and reactivity

10.1. Reactivity
Upon combustion: CO and CO2 are formed.

10.2. Chemical stability
The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization does not occur.

10.4. Conditions to avoid

10.5. Incompatible materials
acids. Oxidizing agent.

10.6. Hazardous decomposition products
Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)
LD50 dermal rabbit > 5000 mg/kg body weight (Rabbit; Literature)

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)
LD50 oral rat 200 mg/kg (Rat)
LC50 inhalation rat (mg/l) 3.4 mg/l/4h (Rat)
ATE CLP (oral) 200.000 mg/kg body weight
ATE CLP (dermal) 1100.000 mg/kg body weight
ATE CLP (vapors) 3.400 mg/l/4h
ATE CLP (dust, mist) 3.400 mg/l/4h

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitization: May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified.

**PIPERONYL BUTOXIDE (51-03-6)**

<table>
<thead>
<tr>
<th>IARC group</th>
<th>3 - Not Classifiable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Symptoms/injuries after inhalation</td>
<td>Harmful if inhaled. Dizziness.</td>
</tr>
<tr>
<td>Symptoms/injuries after skin contact</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Symptoms/injuries after eye contact</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Symptoms/injuries after ingestion</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Likely routes of exposure</td>
<td>Dermal; Inhalation</td>
</tr>
</tbody>
</table>

**SECTION 12: Ecological information**

**12.1. Toxicity**

<table>
<thead>
<tr>
<th>Test Method</th>
<th>LC50 or EC50</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>&gt; 100 mg/l (Pisces)</td>
<td></td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt; 100 mg/l (Invertebrata)</td>
<td></td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>&gt; 100 mg/l (Algae)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Method</th>
<th>LC50 or EC50</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>0.049 mg/l (96 h; Lepomis macrochirus)</td>
<td></td>
</tr>
<tr>
<td>LC50 other aquatic organisms 1</td>
<td>0.011 mg/l (96 h; Gammarus sp.)</td>
<td></td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>0.009 mg/l (96 h; Ictalurus punctatus)</td>
<td></td>
</tr>
<tr>
<td>Threshold limit other aquatic organisms 1</td>
<td>0.011 mg/l (96 h; Gammarus sp.)</td>
<td></td>
</tr>
</tbody>
</table>

**12.2. Persistence and degradability**

<table>
<thead>
<tr>
<th>Test Method</th>
<th>LC50 or EC50</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Readily biodegradable in water. Adsorbs into the soil.</td>
<td></td>
</tr>
</tbody>
</table>

**12.3. Bioaccumulative potential**

<table>
<thead>
<tr>
<th>Test Method</th>
<th>LC50 or EC50</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>6 - 8.2</td>
<td></td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>High potential for bioaccumulation (Log Kow &gt; 5).</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Waste treatment methods: Dispose of contents/container to comply with local/regional/national/international regulations.

**SECTION 14: Transport information**

**Department of Transportation (DOT)**

<table>
<thead>
<tr>
<th>Test Method</th>
<th>LC50 or EC50</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport document description</td>
<td>UN1950 Aerosols (flammable, (each not exceeding 1 L capacity)), 2.1</td>
<td></td>
</tr>
<tr>
<td>UN-No. (DOT)</td>
<td>UN1950</td>
<td></td>
</tr>
<tr>
<td>Proper Shipping Name (DOT)</td>
<td>Aerosols flammable, (each not exceeding 1 L capacity)</td>
<td></td>
</tr>
<tr>
<td>Transport hazard class(es) (DOT)</td>
<td>2.1 - Class 2.1 - Flammable gas 49 CFR 173.115</td>
<td></td>
</tr>
</tbody>
</table>
Hazard labels (DOT) : 2.1 - Flammable gas

DOT Packaging Non Bulk (49 CFR 173.xxx) : None
DOT Packaging Bulk (49 CFR 173.xxx) : None
DOT Special Provisions (49 CFR 172.102) : N82
DOT Packaging Exceptions (49 CFR 173.xxx) : 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg
DOT Vessel Stowage Location : A
DOT Vessel Stowage Other : Shade from radiant heat,87 - Stow “separated from” Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

Additional information
Other information : No supplementary information available.

ADR
No additional information available

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

PIPERONYL BUTOXIDE CAS No 51-03-6 1.5 - 2
propane (74-98-6)
Not listed on SARA Section 313 (Specific toxic chemical listings)

butane (106-97-8)
Not listed on SARA Section 313 (Specific toxic chemical listings)

PIPERONYL BUTOXIDE (51-03-6)
Listed on SARA Section 313 (Specific toxic chemical listings)

pyrethrins including cinerins, with the exception of those specified elsewhere in this Annex (8003-34-7)
Not listed on SARA Section 313 (Specific toxic chemical listings)

RQ (Reportable quantity, section 304 of EPA’s List of Lists) 1 lb

California Proposition 65 - This product does not contain a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling 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 absorbed through skin. Avoid contact with skin, eyes or clothing. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves (such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton.)
SECTION 16: Other Information

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 3 (Dermal)</th>
<th>Acute toxicity (dermal) Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 3 (Oral)</td>
<td>Acute toxicity (oral) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 4 (Inhalation)</td>
<td>Acute toxicity (inhalation) Category 4</td>
</tr>
<tr>
<td>Acute Tox. 4 (Inhalation:dust,mist)</td>
<td>Acute toxicity (inhalation:dust,mist) Category 4</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard Category 1</td>
</tr>
<tr>
<td>Compressed gas</td>
<td>Gases under pressure Compressed gas</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>Flam. Aerosol 1</td>
<td>Flammable aerosol Category 1</td>
</tr>
<tr>
<td>Flam. Gas 1</td>
<td>Flammable gases Category 1</td>
</tr>
<tr>
<td>Flam. Liq. 4</td>
<td>Flammable liquids Category 4</td>
</tr>
<tr>
<td>Liquefied gas</td>
<td>Gases under pressure Liquefied gas</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>H220</td>
<td>Extremely flammable gas</td>
</tr>
<tr>
<td>H222</td>
<td>Extremely flammable aerosol</td>
</tr>
<tr>
<td>H227</td>
<td>Combustible liquid</td>
</tr>
<tr>
<td>H280</td>
<td>Contains gas under pressure; may explode if heated</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
</tbody>
</table>

NFPA health hazard: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard: 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.