

Safety Data Sheet

REPULSE

SECTION 1: Identification

Trade Name: REPULSE

Product Identification: 6754

Synonyms: Water-based Insecticide

Product Use Description: Crawling insect spray

Distributed By:

ATCO INTERNATIONAL
1401 BARCLAY CIRCLE, S.E.
Marietta, GA 30060 US

Phone: (800) 723-2826

24 HR Emergency Number: (800) 255-3924 (ChemTel/VelocityEHS, 24 hours a day/7 days a week)

SECTION 2: Hazards Identification

Classifications

Skin Irritation - Category 2

Eye Irritation - Category 2

Skin Sensitization - Category 1

Flammable Aerosols - Category 2

Gasses under pressure - Liquefied gas



Irritant

Flammable

Compressed Gas

Signal Word: Warning

Hazard Statements

Keep out of reach of children.

Read label and SDS before use.

Flammable aerosol

Contains gas under pressure; may explode if heated.

May cause an allergic skin reaction.

Causes skin and serious eye irritation.

Precautionary Statements

Prevention

Avoid breathing mist/spray.

Wash hands thoroughly after handling.

Wear protective gloves.

Wear eye or face protection.

Contaminated clothing must not be allowed out of the workplace.

Keep away from heat, sparks, open flames and hot surfaces. -No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

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Response:

IF SWALLOWED: Immediately call a poison center or a doctor. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs get medical attention.
Take off contaminated clothing and wash before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: Get medical attention.

Storage

Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store locked up.

Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

Hazards Not Otherwise Specified

Not applicable

SECTION 3: Composition

| Chemical Name | CAS # | Concentration % by Weight |
|-----------------------------------|------------|---------------------------|
| Isobutane | 75-28-5 | 5 - 10 |
| Hydrotreated Petroleum Distillate | 64742-47-8 | 3 - 7 |
| Propane | 74-98-6 | 1 - 5 |
| Permethrin | 52645-53-1 | =0.25 |

SECTION 4: First Aid Measures

EMERGENCY OVERVIEW

DANGER. Flammable. Contents under pressure. May be harmful if swallowed. Keep away from heat and flame. Can cause nervous system depression.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs get medical attention. Take off contaminated clothing and wash it before reuse.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION: Harmful or fatal if swallowed. Seek medical attention immediately.

SECTION 5: Firefighting Measures

Suitable fire extinguishing media:

Use water spray, fog or foam.

Specific hazards arising from the chemical:

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken

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involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

SECTION 6: Accidental Release Measures

Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

SECTION 7: Handling and Storage

Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

SECTION 8: Exposure Controls/Personal Protection

Hydrotreated Petroleum Distillate(64742-47-8)

| | |
|----------|---------|
| OSHA PEL | 100 ppm |
|----------|---------|

Propane(74-98-6)

| | |
|-----------|----------|
| ACGIH TLV | 1000 ppm |
|-----------|----------|

Isobutane(75-28-5)

| | |
|-----------|----------|
| ACGIH TLV | 1000 ppm |
|-----------|----------|

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

Respiratory Protection: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

Engineering Controls: Good general ventilation required.

SECTION 9: Physical and Chemical Properties

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| Property | Value | Property | Value |
|---------------------------|--------------------------|------------------------|---------------|
| Appearance | MILKY EMULSION | Auto Ignition Temp | NOT AVAILABLE |
| Boiling Point | NOT AVAILABLE | Color | WHITE |
| Decomposition Temperature | NOT AVAILABLE | Evaporation Rate | NOT AVAILABLE |
| Explosive Limit Ranges | NOT AVAILABLE | Explosive Properties | NOT AVAILABLE |
| Flash Point | > 170 F (liquid portion) | Melting/Freezing Point | NOT AVAILABLE |
| Odor | VANILLA | Odor Threshold | NOT AVAILABLE |
| Other Information | VOC content (wt. %): 12 | Oxidizing Properties | NOT AVAILABLE |
| Partition Coeff | NOT AVAILABLE | Physical State | LIQUID |
| Relative Density | 0.9 | Solubility (Water) | EMULSIFIES |
| Vapor Density | NOT AVAILABLE | Vapor Pressure | NOT AVAILABLE |
| Viscosity | NOT AVAILABLE | pH | 7 -8 |

SECTION 10: Stability and Reactivity

Reactivity

Under normal conditions of storage and use, hazardous reactions will not occur.

Chemical Stability

Stable under normal conditions.

Incompatible Materials

Acids, strong oxidizers.

Conditions to Avoid

High temperatures, open flames, sparks, welding.

Hazardous Decomposition Products

CO, CO2

Vapors may ignite at temperatures exceeding flash point.

SECTION 11: Toxicological Information

Primary Route of Entry: Skin contact, inhalation, ingestion

Acute/Potential Health Effects:

EYES: May cause serious eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation. Prolonged or repeated contact may dry the skin and cause sensitization. Symptoms may include redness, burning, drying of skin and skin burns.

INHALATION: High vapor/aerosol concentrations are irritating to the eyes and respiratory tract. May cause nose, throat and respiratory tract irritation, coughing and headache.

INGESTION: Harmful or fatal if swallowed. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Chronic / Long Term Effects: None known.

Target Organ Effects: Skin.

Reproductive/Developmental Information:

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acute Toxicity Values:

Not available.

SECTION 12: Ecological Information

This product is toxic to fish and other aquatic invertebrates.

SECTION 13: Disposal Considerations

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Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

SECTION 14: Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number 1950
Proper shipping name Aerosols, flammable
Class 2.1
Packing group -

SECTION 15: Regulatory Information

Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)
Permethrin

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure (X) Reactive () Not Applicable ()

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

None

FIFRA information

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Signal word: CAUTION

Precautionary Statements: Harmful if absorbed through skin.

SECTION 16: Other Information

HMIS Ratings :

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| | |
|----------------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 4 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | G |

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.

Prepared by: Technical Services

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... END OF SDS ...