

SUPPLIED BY:



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Material Safety Data Sheet

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This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 1: Product Identification

Product Name: DUAL INSECTICIDE
Product Number: J212
Product Use: Aerosol flying & crawling insect killer.
EPA Registration No.: 44446-8-69486
DOT Shipping Name: N.A.

2-Health	Hazard Rating 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant	H.M.I.S Abbreviation Key: N.A.-Not Applicable N.E.-Not Established N.D.-Not Determined
1-Fire		
1-Reactivity		
A-Maximum Personal Production		

A= GOGGLES B=GOGGLES & GLOVES C=GOGGLES, GLOVES & APRON

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

	<u>CASE NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Propane/N-Butane	68476-86-8	1000 ppm	600 ppm

Section 3: Physical Data

Color: N/A **Odor:** Cherry **Physical State:** Clear Spray
Boiling Point: N/A **Freezing Point:** 0°C (32°F)
Melting Point: N/A
Solubility in Water: 100%
Vapor Pressure: 780 mm of Hg **Vapor Density (Air=1):** 1
Evaporation Rate (Water=1): <1 (**Butyl Acetate=1**)
Specific Gravity (Water=1): 0.99 gm/ml

Section 4: Fire and Explosion Hazard Data

Flash Point and Method: N/A
Autoignition Temperature: N/A
Extinguishing Media: N/A
Flammable Limits: LEL: N/A **UEL:** N/A
Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazards: Contents Under Pressure

Exposure to temperatures above 48.89°C (120°F) may cause bursting. Product may develop a flammable atmosphere in confined areas.

Section 5: Reactivity Data

Stability: Stable
Hazardous Decomposition of By-Products: None Known
Incompatibility (Materials to Avoid):
Strong Oxidizers, Alkalines, & Acids
Hazardous Polymerization: Will not occur
Conditions to Avoid: None

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

Section 6: Toxicological Properties

Routes of Entry: Inhalation, Skin, & Ingestion
Medical conditions aggravated by Exposure: None Known

Effects of Overexposure (Acute and/or Chronic):
Eyes: May cause irritation & reddening.
Skin: May cause irritation and localized defatting.
Ingestion: May cause nausea.
Inhalation: Will cause dizziness if inhaled directly or exposed to excessive amounts.

Carcinogenic Effects: NTP: NO
IARC Monographs: NO
Mutagenic Effects: NO
Teratogenic Effects: NO
Reproductive Toxicity: NO

Section 7: Preventative and Control Measures

Respiratory Protection: Use in well ventilated area.
Ventilation: Local Exhaust: Adequate Special: N/A
Mechanical: N/A Other: N/A
Protective Gloves: N/A
Eye Protection: Safety glasses recommended when using chemical products.
Protective Clothing and Equipment: N/A
Work and Hygienic Practices: Wash hands after use.

Storage Requirements: Store in cool, dry ventilated area away from sources of ignition. Exposure to temperatures above 48.89°C (120°F) may cause bursting. Vapors may collect in low lying areas. Do not puncture or incinerate.

Other Requirements: Keep out of reach of children.

Steps to be taken if material is spilled or released:
Mop or wipe up spill.

Waste Disposal: Dispose of residue in accordance with all federal, state and local regulatory authorities.

Section 8: Emergency First Aid Procedures

First Aid-Notes to Physician:
Eyes: Flush with a large amount of water for 15 minutes holding eyelids open.
Skin: Wash with mild soap and water.
Ingestion: Drink several glasses of water.
Inhalation: Remove to fresh air.
Note to Physician: No additional information.

If conditions persist or worsen, consult a physician immediately.

Section 9: Preparation Information

Prepared By: Regulatory Affairs Department
Phone: 812-336-4817
Date of Preparation: August, 2005

Aerosol Dual Insecticide

Technical Data Sheet

Environment

**Friendly
Does Not
Emit CFC**

**Bio
Degradable**

Easy to Use

Product Description

Aerosol Dual Insecticide is specially formulated to be environment and user friendly. Quickly kills and reduces the annoyance from flying and crawling insects.

Use Directions

SHAKE WELL BEFORE USE. AIM NOZZLE OPENING AWAY FROM PERSONS & PETS.
FOR INDOOR CRAWLING INSECTS: Apply only when facility is not in operation. Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes & sinks, under appliances, baseboards, & dark areas. Spray at a rate of 3-4 seconds per linear foot at a distance of 12-14 inches from surface. Repeat as necessary.
FOR INDOOR FLYING INSECTS: Apply only when facility is not in operation. Close all doors & windows. Spray mist to all parts of the room especially windows & light sources. Leave treated area and keep room closed for at least 15 minutes. Ventilate room when treatment is completed.
FOR OUTDOOR FLYING INSECTS: Hold container 14-18 inches from shrubs, bushes, & grassy areas. Spray area with a slow sweeping motion at a rate of 1-3 seconds per cubic feet of space.
AFTER USE ALL FOOD PROCESSING SURFACES SHOULD BE THOROUGHLY CLEANED WITH AN EFFECTIVE CLEANING COMPOUND FOLLOWED BY A THOROUGH WATER RINSE.

Areas of Use

Avoid contamination of cooking utensils, food preparation surfaces, and foodstuff. Remove pets, birds, and cover fish aquariums before spraying. This insecticide is highly toxic to fish. Do not apply directly to water or wetlands. Use with caution on flowering foliage & shrubs. Safe to use on wood, metals, glass, porcelain, painted walls, and all other water-safe surfaces.

Safety Precautions

Caution! Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. Contents under pressure. Do not puncture or incinerate container. Do not use or store near heat or open flame. Exposure to temperatures above 120°F may cause bursting. Read label and MSDS for complete list of hazards and safety precautions. Keep this product and all chemicals out of the reach of children and pets.

Shipping Classification

None Required

Packaging

12/15 oz metal cans per case

Properties

FORM:	Clear Spray
FRAGRANCE:	Cherry
FREEZING POINT:	0°C (32°F)
SOLUBILITY:	Complete
SPECIFIC GRAVITY:	0.99 gm/ml
COMPOSITION:	Propane/N-Butane