

MATERIAL SAFETY DATA SHEET FOR PRESSURIZED PRODUCTS

SECTION I - PRODUCT IDENTIFICATION

COMPANY NAME Claire Mfg. Company	Regular Telephone Number: Emergency Telephone Number:
ADDRESS 500 Vista Avenue, Addison, IL. 60101	
PRODUCT TRADE NAME OR BRAND NAME FLY JUNK INSECT KILLER	
OTHER PRODUCT DESCRIPTION OR IDENTIFICATION INSECTICIDE SPRAY #780829 (#225)	

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT CHEMICAL NAME	Type of Hazard(s)	Approximate Weight %	TLV Value	Other Toxicity Information
Petroleum Distillates	Toxicity	20.0		1975 OSHA TWA =500 ppm
2,2-Dichlorovinyl Dimethyl Phosphate (DDVP)	Toxicity	0.5		1975 OSHA TWA =1 mg/m ³
2,2-bis (p-Methoxyphenyl)-1,1,1-Trichloroethane	Toxicity	2.0		1975 OSHA TWA =15 mg/m ³
1,1,1-Trichloroethane, Inhibited	Toxicity	30		1975 OSHA TWA =350 ppm
Dichloromethane, Inhibited	Toxicity	20		1975 OSHA TWA =500 ppm
Hydrocarbon Propellant blend (Butanes & Propane)	Flammable Pressure	20		APPROXIMATE TWA 600-1000 ppm

SECTION III - PHYSICAL DATA

Boiling Point @101.3 kPa (760 mm Hg)	<input checked="" type="checkbox"/> Not Applicable C() F()	Specific Gravity/Density vs. water @4 °C(39.2 °F)	<input checked="" type="checkbox"/> Not Applicable Kg/m ³
Vapor Pressure Maximum @54.4 °C (130 °F)	<u>1065</u> kPa abs (<u>146</u> psig)	Percent Volatiles Ambient=21 °C=70 °F	Approximately 95 % by Volume
Vapor Density where Air=1 @15-32 °C(60-90 °F)	<input checked="" type="checkbox"/> Heavier (>1.0) <input type="checkbox"/> Lighter (<1.0)	Evaporation Rate vs. n-Butyl Acetate=1	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Slower <input type="checkbox"/> Faster
Solubility in Deionized Water: Weight % @10 °C(50 °F)	<input checked="" type="checkbox"/> Negligible=<0.1% <input type="checkbox"/> Moderate=1-10% <input type="checkbox"/> Complete <input type="checkbox"/> Slight=0.1-1.0% <input type="checkbox"/> Appreciable=>10% (% by Wt.)		
Appearance and Odor (Description of spray and resultant residue)	Solid cone mist; floral lavender fragrance; disperses quickly when sprayed into the air.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (minimum) Method: **	<input type="checkbox"/> Not Applicable C() F()	Flammable Limits in Air Volume % @ °C(°F)	<input checked="" type="checkbox"/> Not Applicable Lel-Uel= %
Extinguishing Media:	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Standard Foam <input checked="" type="checkbox"/> Dry Chemical <input type="checkbox"/> Special:	<input type="checkbox"/> Will not burn below °C(°F) <input type="checkbox"/> Special Alcohol-stable foam	<input checked="" type="checkbox"/> Carbon Dioxide

SPECIAL FIREFIGHTING PROCEDURES: Keep containers cool. Use equipment or shielding as required to protect personnel against bursting, rupturing, or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures (over 54°C=130°F) containers may vent, rupture, or burst. Also see section VI on back.

*Additional Notes or Comments from sections above: Propellant has flash point below -70°C(-100°F), but when propellants have evaporated, flash point is well above 40°C(100°F), TCC.

Unless noted otherwise, all information given is on the total product, including propellants.
Date Filled Out: 04-13-81 ; Prepared or Approved by: *Steve Smith*
This form is approved by the U.S. DEPARTMENT OF LABOR AS ESSENTIALLY SIMILAR TO OSHA-20.

PRODUCT TRADE NAME:

PRODUCT DESCRIPTION: INSECTICIDE SPRAY #780829

PRODUCT BRAND NAME:

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV): ☒ Not Applicable ☐ ppm ☐

EFFECTS OF OVEREXPOSURE: On skin-redness & irritation; In eyes-irritation; Inhalation-headache, weakness, sickness of the stomach, cramps, nausea, diarrhea, pulmonary edema, and in extreme cases, convulsions.

EMERGENCY AND FIRST AID PROCEDURES: If unconscious, remove victim to fresh air and call a physician. In case of eye contact, flush immediately with large amounts of water.

☐ Contains a cardiac sensitizer-if unconscious from inhalation, do not give adrenalin-type drugs.☒ **Contains cholinesterase inhibitors.

SECTION VI - REACTIVITY DATA

Chemical Stability: ☒ Stable ☐ Unstable - Conditions to avoid:Incompatibility (Materials to avoid): ☒ None with common materials ☐

HAZARDOUS DECOMPOSITION PRODUCTS (From burning, welding, oxidation, high temperatures):

☐ None ☒ Carbon Monoxide ☒ Phosgene ☐ Hydrofluoric Acid ☒ Hydrochloric AcidHazardous Polymerization: ☒ Will not occur. ☐ May Occur-Conditions to avoid:

SECTION VII - LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF CONTAINERS ARE LEAKING, OR LARGE AMOUNTS ARE RELEASED:

☒ Avoid breathing vapors. ☒ Avoid skin contact with liquid. ☒ Remove ignition sources.☒ Soak up with absorbent material and dispose of as with oily rags.

WASTE DISPOSAL METHOD: Do not puncture or incinerate containers. Give empty, leaking, or full containers to a disposal service equipped to safely handle and dispose of pressurized containers.

☐

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): ☒ Not Applicable. ☒ Avoid breathing spray mist.☐VENTILATION LOCAL EXHAUST (Hoods, Fans, etc.): ☒ Not Applicable.

SPECIAL:

☒ Not ApplicableMECHANICAL (General Area Ventilation): ☒ Not Required☐ Should be on while spraying, to remove solvent vapors.PROTECTIVE GLOVES: ☒ Not ApplicableWear: ☐ Rubber ☐ Vinyl ☐ Polyethylene gloves while spraying.EYE PROTECTION: ☒ Not Applicable☒ Do not spray into or toward eyes or face.OTHER PROTECTIVE EQUIPMENT: ☒ Not Applicable. ☒ Do not wear clothing soaked by spray.☒ Excessive skin contact with spray or sprayed liquid is to be avoided; material may be toxic if large quantities are absorbed through skin.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store where temperatures could exceed ☒ 54°C (130°F). ☐ °C (☐ °F).

OTHER PRECAUTIONS: For best insecticidal action, close windows and doors after spraying, vacating room during this period; then open up room and allow to ventilate well before people and pets are re-admitted.

SPECIAL PRECAUTIONARY STATEMENTS: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

**Additional Notes or Comments from sections above: In severe cases of Inhalation or absorption through skin, if cholinesterase inhibition occurs, atropine is antidotal.

Date Filled Out: 04-13-81

; Prepared or Approved by:

The accuracy of data and information given on this form is not guaranteed, but it has been filled out to the best of our knowledge and belief. If you find any errors, or have any suggestions to improve the presentation, please contact us at the address given on the first page.