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Safety Data Sheet

TAD Shake and Spray Insect Trap Coating

Ladd Catalog Number: T-141

SECTION 1. IDENTIFICATION

Product Identifier TAD Shake and Spray Insect Trap Coating
Manufacturer TAD, 314 Straight Ave SW, Grand Rapids, MI 49504

Emergency Phone No. In the U.S. Chemtrec, (800) 424-9300
International, Chemtrec +1-703-741-5500
Date of Preparation May 5, 2023

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Gas under pressure - Compressed gas; Flammable liquid - Category 3; Acute toxicity (Dermal) - Category 5

GHS Label Elements

Warning
Hazard Statement(s):
Flammable liquid and vapour.
Contains gas under pressure; may explode if heated.
Precautionary Statement(s):
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Call a POISON CENTRE/doctor if you feel unwell.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Polybutenes, molecular weight greater than 2500	9003-29-6		
1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE	98-56-6		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Get medical advice/attention if you feel unwell or are concerned.

Skin Contact

Immediatly wash with waterless hand cleaner to remove gel then wash with soap and water.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion

Rinse mouth with water. Get medical advice/attention if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

In a fire, the following hazardous materials may be generated: carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

No special precautions are necessary.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

Store in an area that is: cool, dry, out of direct sunlight and away from heat and ignition sources.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Consult local authorities for provincial or state exposure limits.

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

It is good practice to wear appropriate gloves and avoid skin contact.

Respiratory Protection

Not usually required when working with small quantities. For non-routine or emergency situations: wear a NIOSH approved particulate respiratory equipped with an N95, R95, or P95 filter.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless paste.
Odour	Faint
Odour Threshold	Not available
pH	Not applicable

Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	109 ºF (43 ºC) (closed cup)
Evaporation Rate	0.4 (n-butyl acetate = 1)
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	10.5% (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE) (upper); 0.9% (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE) (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.2
Solubility	Practically insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive. Not sensitive to mechanical impact.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

Hazardous Decomposition Products

Chlorine containing gases can be produced
Fluorine containing gases can be produced
Carbon Monoxide, Carbon Dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin contact; skin absorption; eye contact.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
1-CHLORO-4-(TRIFLUOROMETHYL) BENZENE	20 g/m3 (mouse)	13 g/Kg (rat)	> 2.7 g/Kg (rabbit)

Skin Corrosion/Irritation

May be a skin irritant (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE)

Serious Eye Damage/Irritation

May be an eye irritant (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE)

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May be harmful based on animal tests. (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE)

Skin Absorption

No information was located.

Ingestion

May be harmful based on animal tests. (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE)

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Prolonged or repeated breathing or swallowing of large amounts may cause liver and kidney damage based on animal studies (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE)

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Polybutenes, molecular weight greater than 2500	Not Listed	Not designated	Not Listed	Not Listed
1-CHLORO-4-(TRIFLUOROMETHYL) BENZENE	Not Listed	Not designated	Not Listed	Not Listed

Not known to cause cancer.

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. NTP = National Toxicology Program. OSHA = US Occupational Safety and Health Administration.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Reported to cause unscheduled DNA synthesis in human embryo cells (1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE)

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
1-CHLORO-4-(TRIFLUOROMETHYL) BENZENE	5.6 (Lepomis macrochirus (bluegill); 96-hour)	12.4 (Daphnia magna (water flea); 48-hour)		

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

This product contains volatile organic compounds.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Do not puncture or incinerate container. Contents under pressure. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	1950	Aerosols, flammable, n.o.s	2.1	
IATA (Air)	1950	Aerosols, flammable, n.o.s	2.1	

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS Classification

Class A Class B3

A - Compressed Gas; B3 - Combustible Liquid

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

EPA Registration No.: 1621-17-8708, EPA Est.# 1621-MI-1.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 1** **Flammability - 2** **Instability - 1**

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Date of Preparation May 5, 2023

References HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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