

MATERIAL SAFETY DATA SHEET

MSDS # 0028

ABSORBINE CONCENTRATED FLY REPELLENT

W. F. YOUNG, INC.

302 Benton Drive

East Longmeadow, MA 01028

Non-Emergency Telephone:

MA (413) 526-9999

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Absorbine Concentrated Fly Repellent **FORMULA:** 214105
PRODUCT DESCRIPTION: Aqueous Insecticide

MEDICAL EMERGENCY TELEPHONE (Poison Center): (303) 623-5716
TRANSPORTATION EMERGENCY TELEPHONE (Chemtrec): 1-800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS (Typical Values)

HAZARDOUS INGREDIENTS	CAS NO.	WT. %	ACGIH(TLV)	OSHA(PEL)
Butoxypolypropylene Glycol	9003-13-8	11.0	N/E	N/E
Sodium Hydroxide	1310-73-2	<0.5	2mg/m ³	2mg/m ³
Resmethrin [5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)				
cyclopropanecarboxylate and Related Compounds	10453-86-8	0.6294	N/E	N/E

OTHER IMPORTANT INGREDIENTS

Mixture of solvents, stabilizers, and conditioning agents.

A proprietary surfactant system: 057 <1

1, 2-benzisothiazolin-3-one 2634-33-5 <.1

Dipropylene glycol 25625-71-8 <5

Water <100

SECTION 3: HAZARDS IDENTIFICATION

Signs and Symptoms of Exposure

Not established. See Section 11 for screening test results.

Routes of Entry: Inhalation? Skin? Ingestion?
 Yes Yes Yes

Health Hazards (Acute and Chronic) The Health effects noted below are consistent with requirements under OSHA Hazard Communication Standard (29 CFR 1910.1200).

EYE CONTACT:

Minimal transient ocular reaction. Returns to normal within 1 to 48 hours.

SKIN CONTACT:

Mild dermal reaction; non-sensitizer

INHALATION:

No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.

INGESTION:

May produce irritation of the mouth, pharynx, esophagus, and stomach.

Carcinogenicity: NTP? No IARC Monograph? No OSHA Monograph? No

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention as soon as possible.

SKIN CONTACT:

Remove contaminated clothing and wash affected areas with soap and water. If irritation occurs, get medical attention.

INHALATION:

Remove victim to fresh air, treat symptomatically. Get medical attention if symptoms persist.

INGESTION:

Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed by a physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used)

Not applicable. Nonflammable.

Flammable Limits

LEL

UEL

Extinguishing Media

Use Foam, CO₂ dry chemical, and Water Fog.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards

None.

SECTION 6: ACCIDENTAL RELEASE MEASURES & DISPOSAL**Spill Control Methods**

Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste. Avoid runoff into storm sewers and ditches which lead to natural waterways. All clean up and disposal should be carried out in accordance with Federal, State, and Local Regulations. If required, state and local authorities should be notified.

Waste Disposal Methods

Do not contaminate water, food, or feed by storage or disposal. Consult local state agency for other regulations.

Pesticide Disposal: Product that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Do not reuse empty container. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

SECTION 7: HANDLING & STORAGE**Precautions To Be Taken In Handling & Storing**

Store upright at room temperature.

Other Precautions

Keep container closed. Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material.

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes, or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION**Respirator Protection**

N/A

Ventilation

Use adequate ventilation if in high concentrations.

Skin and Eye Protection:

Avoid contact with eyes. Wear chemical goggles if there is likelihood of contact with eyes.

Avoid prolonged or repeated contact with skin.

Other Protective Clothing or Equipment:

Eye wash; safety showers; wash after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	Not Established
MELTING POINT:	N/A
VAPOR PRESSURE:	Not Established
VAPOR DENSITY (AIR=1):	Not Established
EVAPORATION RATE: (butyl acetate = 1)	Not Established
VOLATILE FRACTION BY WEIGHT:	1%
SOLUBILITY IN WATER (By weight %):	100%
SPECIFIC GRAVITY (H ₂ O=1):	0.995
pH:	3.6
APPEARANCE:	White emulsion
ODOR:	Insecticide type

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to avoid):	Strong oxidizing agents.
Hazardous Decomposition or By-Products:	Carbon dioxide and carbon monoxide
Hazardous Polymerization:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Category	III
Oral LD50:	>5g/Kg of body weight non-toxic. Scientific American #257099 2/2/79
Dermal LD50:	Not a primary irritant
Repeat Insult Patch Test:	Not a primary irritant Scientific American SA #257099 2/2/79
Draize Eye Test:	Score 6.0 reversible – Minimally irritating Scientific American #257099
Inhalation LC50:	Not found to be toxic Scientific American SA #257099 2/2/79

SECTION 12: ECOLOGICAL INFORMATION

Avoid runoff into storm sewers and ditches which lead to natural waterways. This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Do not contaminate water, food, or feed by storage or disposal. Consult local state agency for other regulations.

Pesticide Disposal: Product that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Do not reuse empty container. Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

SECTION 14: TRANSPORTATION INFORMATION

DOT, IMO, ICAO, Transport Canada		NFPA	
HAZARD CLASS:		HEALTH...	2
PROPER SHIPPING NAME:	Insecticide O/T Agricultural	FLAMMABILITY ...	1
UN NUMBER:	None	REACTIVITY.....	0
LABEL:	None	SPECIAL.....	None
PACKING GROUP:		4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant	
PLACARD:			
FLASH POINT:			

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATION

OSHA:

TSCA:

CERCLA HAZARDOUS SUBSTANCE (40 CFR 302): Reportable quantity, sec. 302.4: 1 lb (0.545 Kg)

SARA Title III: Threshold planning quantity, sec. 302

SARA Hazard Categories:

CHEMICAL SUBSTANCE	CAS NO.	CONCENTRATION % WT.
Butoxypolypropylene Glycol	9003-13-8	11.0 Not a SARA Title III hazard
Resmethrin [5-phenylmethyl]-3-furanyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) Cyclopropanecarboxylate and Related Compounds	10453-86-8	0.6294%
Sodium Hydroxide	1310-73-2	<0.5 RQ = 1000 lb; MATURA-3B; SARA Title 313; FL; PA; NJ; RI

SECTION 16: OTHER INFORMATION

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