

MATERIAL SAFETY DATA SHEET

MSDS # 0028 Rev 1
ABSORBINE FLYS-X

W. F. YOUNG, INC.
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SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Absorbine Flys-X **FORMULA:** 214125
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)
Pyrethrins	8003-34-7	0.1	5 mg/m ³	5 mg/m ³
Sodium Hydroxide	1310-73-2	<0.5	2mg/m ³	2mg/m ³

OTHER IMPORTANT INGREDIENTS

Mixture of solvents, stabilizers, and conditioning agents.

A proprietary surfactant system: 058 <1

Piperonyl Butoxide, Technical 51-03-06 1.0

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

Dipropylene glycol 25625-71-8 <5

Water <100

SECTION 3: HAZARDS IDENTIFICATION
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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:

Severely irritating

SKIN CONTACT:

Moderately irritating

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
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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
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Flash Point (Method Used)	Flammable Limits	LEL	UEL
Not applicable			

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):	1.000
pH:	6.0 – 7.0
APPEARANCE:	Light liquid
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 EPA Hazard Category IV Product Safety Labs T-9919 6/6/90 4300 mg/kg (male rat); 200 mg/kg (female rat)
Dermal LD50:	>2000 mg/kg
Repeat Insult Patch Test:	Light skin irritation (undiluted) Primary Dermal irritation index: 0.58 Product Safety Labs T-9921 5/31/90
Draize Eye Test:	Practically nonirritating to unwashed and washed eyes EPA Hazard Category III Product Safety Labs t-9920 5/6/90
Inhalation LC50:	>2.6 mg/liter of air
EPA Acute Dermal Toxicity Limit:	Greater than 2g/Kg Product Safety labs T-9922 5/6/90
Eye effects:	Mildly irritating
Skin effects:	Mildly irritating

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
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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.

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SECTION 14: TRANSPORTATION INFORMATION

<u>DOT, IMO, ICAO, Transport Canada</u>	<u>NEPA</u>
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.
Pyrethrins	8003-34-7	0.1 MA TURA-3B; FL; RI (toxic); PA (environmental) ; NJ
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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