

MATERIAL SAFETY DATA SHEET

MSDS# 214068

ABSORBINE SUPERSHIELD RED

W. F. YOUNG, INC.
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East Longmeadow, MA 01028

Non-Emergency Telephone:
(413) 526-9999

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Absorbine Supershield Red
PRODUCT DESCRIPTION: Aqueous white 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	1.25	5mg/m ³	5mg/m ³
Butoxypolypropylene Glycol	9003-13-8	10.00		

OTHER IMPORTANT INGREDIENTS

Mixture of solvents, stabilizers, and conditioning agents;
A proprietary surfactant system: 031 <1%
Piperonyl Butoxide, Tech 51-03-6 1%

SECTION 3: HAZARDS IDENTIFICATION

Signs and Symptoms of Exposure

Not established. See Section 11 for screening 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:

For External Use Only. Ingestion may product 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	N/E	N/E	N/E

Extinguishing Media

Foam, Carbon Dioxide, 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
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Spill Control Methods

Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use an absorbent. Avoid runoff into storm sewers and ditches that lead to natural waterways. Call the National Response Center (800-424-8802) if spill is equal to or greater than reportable quantity (5000 LB/day) under "Superfund". 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
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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
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Respirator Protection

Not normally needed.

Ventilation

Typical general industrial systems are sufficient.

Skin and Eye Protection:

Avoid contact with eyes. Wear chemical goggles if there is a 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
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BOILING POINT: Not established

MELTING POINT: NA

VAPOR PRESSURE: Not established

VAPOR DENSITY (AIR=1):1.00

EVAPORATION RATE: (butyl acetate = 1) Not established

VOLATILE FRACTION BY WEIGHT: 1%

SOLUBILITY IN WATER (By weight %): 100%

SPECIFIC GRAVITY (H₂O=1) @ 25 C: 0..995

pH: 5.8

APPEARANCE: White liquid

ODOR: Pyrethrin

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to avoid): Strong oxidizing agents

Hazardous Decomposition or By-Products: Carbon monoxide, Carbon dioxide, Oxides of Nitrogen

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION
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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: Slight skin irritation (undiluted)

Primary Dermal Irritation index: 0.58

Inhalation LC50: > 2.6 mg/liter of air

EPA Acute Dermal Toxicity Limit: > 2g/kg

Eye effects: Mildly irritating

Skin effects: Mildly irritating

SECTION 12: ECOLOGICAL INFORMATION

Avoid runoff into storm sewers and ditches that lead to natural waterways. This product is toxic to fish. Do not apply directly to lakes, stream, 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

HAZARD CLASS:

PROPER SHIPPING NAME: Insecticide O/T Agricultural

UN NUMBER: None

LABEL: None

PACKING GROUP:

PLACARD:

FLASH POINT:

NFPA

HEALTH..... 2

FLAMMABILITY..... 1

REACTIVITY..... 0

SPECIAL..... None

4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

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:

SARA Hazard Categories:

CHEMICAL SUBSTANCE	CAS NO.	CONCENTRATION % WT.
Pyrethrins	8003-34-7	0.1% MA TURA3B;FL;RI(toxic);(environmental); NJ
Butoxypolypropylene Glycol	9003-13-8	10.00%

SECTION 16: OTHER INFORMATION

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