

# MATERIAL SAFETY DATA SHEET

MSDS# 214101

## ABSORBINE SUPERSHIELD GREEN CONCENTRATE

**W. F. YOUNG, INC.**  
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**Non-Emergency Telephone:**  
(413) 526-9999

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

**PRODUCT NAME:** Absorbine Supershield Green Super Concentrate

**PRODUCT DESCRIPTION:** Amber Thick Liquid

**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)
Ethyl Alcohol	64-17-5	28-32%		

#### OTHER IMPORTANT INGREDIENTS

Essential Oils

### SECTION 3: HAZARDS IDENTIFICATION

#### Signs and Symptoms of Exposure

<b>Routes of Entry:</b> 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:**

Rinse thoroughly with water. If irritation develops, consult a physician.

**SKIN CONTACT:**

If irritation develops, discontinue use. If irritation persists, consult a physician.

**INGESTION:**

For External Use Only. Ingestion may cause nausea.

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

**Medical Conditions Generally Aggravated by Exposure:**

None known.

<b>SECTION 4: EMERGENCY AND FIRST AID PROCEDURES</b>
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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, if needed.

**SKIN CONTACT:**

If irritation occurs, flush skin with water. If irritation persists, 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.

<b>SECTION 5: FIRE FIGHTING MEASURES</b>
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<b>Flash Point (Method Used)</b>	Flammable Limits	LEL	UEL
110°F (COC)	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. Water spray can be used to reduce intensity of flames and to dilute spills to nonflammable mixture.

**Unusual Fire and Explosion Hazards**

<b>SECTION 6: ACCIDENTAL RELEASE MEASURES &amp; DISPOSAL</b>
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**Spill Control Methods**

Eliminate ignition sources. Avoid eye or skin contact. Place leaking containers in well-ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. 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**

This product, when spilled or disposed of, is a hazardous waste as defined in Resource Conservation Recovery Act regulations (40 CFR 261). Preferred method is incineration or biological treatment in federal/state approved facility.

<b>SECTION 7: HANDLING &amp; STORAGE</b>
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**Precautions To Be Taken In Handling & Storing**

Store away from oxidizing agents; keep away from heat or ignition sources; use adequate ventilation.

**Other Precautions**

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

<b>SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION</b>
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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.

**Other Protective Clothing or Equipment:**

Eye wash; safety showers; wash after handling

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
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BOILING POINT: 90°C  
 MELTING POINT: NA  
 VAPOR PRESSURE: 18.75  
 VAPOR DENSITY (AIR=1):1.03  
 EVAPORATION RATE: (butyl acetate = 1) 1  
 VOLATILE FRACTION BY WEIGHT: 30%  
 SOLUBILITY IN WATER (By weight %): 100%  
 SPECIFIC GRAVITY (H<sub>2</sub>O=1) @ 25 C: 0..989  
 pH: 8.9  
 APPEARANCE: Amber thick liquid  
 ODOR: Pennyroyal

<b>SECTION 10: STABILITY AND REACTIVITY</b>
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**Stability:** Stable

**Incompatibility (Materials to avoid):** Avoid heat, sparks, and flame.

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

**Hazardous Polymerization:** Will not occur

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>
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**Oral LD50:** TBD  
**Dermal LD50:** TBD  
**Inhalation LC50:** NE  
**Eye effects:** None known  
**Skin effects:** Is not a primary skin irritant

<b>SECTION 12: ECOLOGICAL INFORMATION</b>
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Avoid runoff into storm sewers and ditches that lead to natural waterways.

<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>
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**Waste Disposal:** Preferred method is incineration or biological treatment in federal/state approved facility.

**SECTION 14: TRANSPORTATION INFORMATION**

**DOT, IMO, ICAO, Transport Canada**

	<u>North America</u>	<u>Overseas by ocean</u>
<b>HAZARD CLASS:</b>	ORM-D	
<b>PROPER SHIPPING NAME:</b>	Consumer Commodity	
<b>UN NUMBER:</b>	None	None
<b>LABEL:</b>	None	None
<b>PACKING GROUP:</b>		
<b>PLACARD:</b>		
<b>FLASH POINT:</b>	110 F	110 F

**NFPA**

**HEALTH..... 0**  
**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):**  
**SARA Title III:**  
**SARA Hazard Categories:**

CHEMICAL SUBSTANCE	CAS NO.	CONCENTRATION % WT.
<b>Ethyl Alcohol</b>	<b>64-17-5</b>	<b>28-32</b>
<b>LISTED UNDER THE FOLLOWING: FEDERAL REGULATIONS; STATE REGULATIONS; INTERNATIONAL REGULATIONS</b>		
SARA TITLE III; California Proposition 65; EINECS; Florida; Rhode Island; Mass TURA; New Jersey		

**SECTION 16: OTHER INFORMATION**

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