

**MATERIAL SAFETY DATA SHEET**  
MSDS# 213305  
Absorbine Power Gel™

**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 Power Gel  
**PRODUCT DESCRIPTION:** Menthol Gel

**Formula:** 213305-02

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

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

<b>HAZARDOUS INGREDIENTS CAS NO. WT.% ACGIH(TLV) OSHA(PEL)</b>			
Ethyl Alcohol	64-17-5	45-65	1000ppm (8hr)
<b>OTHER IMPORTANT INGREDIENTS</b>			
Witch Hazel	68916-39-2	30-50	
Menthol		4.0	
Propylene Glycol	57-55-6	1-5	
Chloroxylenol	88-04-0	0.50	
Tetrahydroxypropyl ethylenediamine	102-60-3	<2	
Spearmint Oil	8008-79-5	<2	
Glycerine	56-81-5	<2	
Carbopol Resin	proprietary	<1	

**SECTION 3: HAZARDS IDENTIFICATION**

**Signs and Symptoms of Exposure:** Prolonged exposure to excessive concentrations may result in irritation of mucous membranes, headaches, drowsiness, fatigue, and narcosis.

**Routes of Entry:** Inhalation?                      Skin?                      Ingestion?  
No    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:**  
Gel is moderately irritating to the eyes.

**SKIN CONTACT:**  
No significant signs or symptoms indicative of any health hazard are expected to occur by skin contact

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

**INGESTION:**  
May produce gastrointestinal irritation in large quantities.

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

**Medical Conditions Generally Aggravated by Exposure:**  
Pre-existing eye and skin disorders may be aggravated by exposure to alcohol.

<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 as soon as possible.

**SKIN CONTACT:**

Flush skin with water. If irritation occurs, get medical attention.

**INHALATION:**

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

**INGESTION:**

Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting by giving 30cc (2 Tablespoons) Syrup of Ipecac.\* If Ipecac is unavailable, give 2 glasses of water and induce vomiting by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. Get medical attention.

**NOTE TO PHYSICIAN**

\*If victim is a child, give no more than 1 glass of water and 15cc (1 tablespoon) Syrup of Ipecac. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube.

<b>SECTION 5: FIRE FIGHTING MEASURES</b>
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<b>Flash Point (Method Used)</b>	Flammable Limits	LEL	UEL
<b>29 C (TOC)</b>	N/E	N/E	N/E

**Extinguishing Media**

Use CO<sub>2</sub> or dry chemical for small fires. Alcohol type aqueous filmforming foam or water spray for large fires. Water may be ineffective but should be used to cool fire exposed structures and vessels.

**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**

Do not use direct stream of water. Material may float and reignite.

<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 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**

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**

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

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
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BOILING POINT:	78.5 C (alcohol)
MELTING POINT:	NA
VAPOR PRESSURE:	N/E
VAPOR DENSITY (AIR=1):	1.59 (alcohol)
EVAPORATION RATE:	(butyl acetate = 1) 2.7 (alcohol)
VOLATILE FRACTION BY WEIGHT:	40%
SOLUBILITY IN WATER (By weight %):	partial
SPECIFIC GRAVITY (H <sub>2</sub> O=1) @ 25 C:	0.900
pH:	6.5
APPEARANCE:	Clear, green gel
ODOR:	spearmint

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

**Incompatibility (Materials to avoid):** Avoid heat, sparks, and flame. Oxidizing materials can cause a vigorous reaction

**Hazardous Decomposition or By-Products:** Carbon monoxide and Carbon dioxide

**Hazardous Polymerization:** Will not occur

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>
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**Oral LD50:** 12.75 cc/kg (Scientific American SA#51587 2/29/68)

**Dermal LD50:** >2000 mg/kg (Repeat Insult Patch Test: No skin irritation SA R-8398 2/6/73)

(Draize Eye Test: Score 27.3 – Moderately irritating. SA# 129903

3/1/67)

**Inhalation LC50:** >22.0 mg/liter of air (Passes SA#129225 2/28/67)

**Eye effects:** Produces ocular damage in the form of erythema chemosis, iritis, mucoid discharge, and corneal opacity.

**Skin effects:** Gel is not a skin irritant either primary or secondary and does not cause skin fatigue or sensitization

**SECTION 12: ECOLOGICAL INFORMATION**

Avoid runoff into storm sewers and ditches that lead to natural waterways.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** This product is a hazardous solid waster as defined in Resource Conservation Recovery Act Regulations (40 CFR 261). 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	3.3
<b>PROPER SHIPPING NAME:</b>	Consumer Commodity	Dangerous goods in Limited Quantity of Class 3.3, PG III
<b>UN NUMBER:</b>	None	None
<b>LABEL:</b>	None	None
<b>PACKING GROUP:</b>		III
<b>PLACARD:</b>		
<b>FLASH POINT:</b>	29 C	29 C

**NEPA**

**HEALTH**..... 0  
**FLAMMABILITY**..... 3  
**REACTIVITY**..... 0  
**SPECIAL**..... None

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

**SECTION 15: REGULATORY INFORMATION****U.S. FEDERAL REGULATION**

**OSHA:** Subpart Z

**TSCA:** Not Listed

**CERCLA HAZARDOUS SUBSTANCE (40 CFR 302):** Not Listed

**SARA Title III:** Not Listed

**SARA Hazard Categories:**

CHEMICAL SUBSTANCE	CAS NO.	CONCENTRATION % WT.	
<i>Ethyl Alcohol</i>	64-17-5	45-65	<i>Listed as Flammable in RI, CT, MA, PA, CA</i>
<i>Propylene Glycol</i>	57-55-6	1-5	<i>Listed as Flammable in RI</i>

**SECTION 16: OTHER INFORMATION**

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