

MATERIAL SAFETY DATA SHEET

MSDS# 0061
BIGELOIL® LIQUID GEL

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

Non-Emergency Telephone:
MA (413) 526-9999

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Bigeloil Liquid Gel
PRODUCT DESCRIPTION: Yellow Menthol Gel

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	40-65	1000 ppm (8hr)	

OTHER IMPORTANT INGREDIENTS

Menthol
Methyl Salicylate

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 as a result of skin 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 skin disorders may be aggravated by exposure.

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, 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.

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

Extinguishing Media

Use CO₂ or dry chemical for small fires. Alcohol type aqueous film-forming 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 a direct stream of water. Material may float and reignite.

SECTION 6: ACCIDENTAL RELEASE MEASURES & DISPOSAL
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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 solid waste as defined in Resource Conservation Recovery Act regulations (40 CFR 261). Preferred method is incineration or biological treatment in federal/state approved facility.

SECTION 7: HANDLING & STORAGE

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. Ground containers when empty. Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material.

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 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

BOILING POINT: 78.5° C (alcohol)
 MELTING POINT: Not Applicable
 VAPOR PRESSURE: Not Established
 VAPOR DENSITY (AIR=1): 1.59 (alcohol)
 EVAPORATION RATE: (butyl acetate = 1) 2.7 (alcohol)
 VOLATILE FRACTION BY WEIGHT: 50%
 SOLUBILITY IN WATER (By weight %): Partial
 SPECIFIC GRAVITY (H₂O=1) @ 25 C: 0.900
 pH: 5.0
 APPEARANCE: Clear, yellow gel
 ODOR: Pine

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

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

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

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Oral LD50: 12750 mg/kg (rats)

Dermal LD50: >2000 mg/kg

Inhalation LC50: >22.0 mg/liter of air

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

Skin effects: Is not a primary skin irritant

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: This product is a hazardous solid waste 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		NFPA
	North America	Overseas by Ocean
HAZARD CLASS:	ORM-D	3.2
PROPER SHIPPING NAME:	Consumer Commodity	Dangerous Goods in Limited Quantity of/Class 3.2, PG II
UN NUMBER:	None	None
LABEL:	None	None
PACKING GROUP:		II
PLACARD:		
FLASH POINT:	29°C	29°C

SECTION 15: REGULATORY INFORMATIONU.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>	<i>64-17-5</i>	<i>40-65</i>
LISTED UNDER THE FOLLOWING: FEDERAL REGULATIONS; STATE REGULATIONS; INTERNATIONAL REGULATIONS		

SECTION 16: OTHER INFORMATION

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