

MATERIAL SAFETY DATA SHEET

MSDS# 0032

ABSORBINE REFRESHMINT

W.F.YOUNG,INC.
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Non-Emergency Telephone:
(413) 526-9999
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SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Absorbine Refreshmint
PRODUCT DESCRIPTION: Menthol Body Wash

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	45-65	1000 ppm (8 hr)	
Iodine	7553-56-2	<0.05		0.1 ppm (8 hr)

OTHER IMPORTANT INGREDIENTS			
Witch Hazel	68916-39-2	30-50	
Menthol		<2	
Potassium Iodide	7681-11-0	<2	
Spearmint Oil	8008-79-5	<2	

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?
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:

Liquid 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.

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.

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:

Flush skin with soapy 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 victims 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.

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

Extinguishing Media

Use CO2 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.
Follow guide #26 of the Emergency Response Book.

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
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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.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION
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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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
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BOILING POINT: 78.5 C (alcohol)
 MELTING POINT: N/A
 VAPOR PRESSURE: Not Established VAPOR
 DENSITY (AIR=1): 1.59 (alcohol) EVAPORATION
 RATE: (butyl acetate = 1) 2.7 (alcohol) VOLATILE
 FRACTION BY WEIGHT: 53%
 SOLUBILITY IN WATER (By weight %): Partial
 SPECIFIC GRAVITY (H₂O=1) @ 25 C: 0.920
 pH: 3.0
 APPEARANCE: Clear, green liquid
 ODOR: Spearmint

SECTION 10: STABILITY AND REACTIVITY

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, Carbon dioxide

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION
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Oral LD50: 12.75 cc/Kg
 Scientific American SA#51587 2/29/68

Dermal LD50: Repeat insult patch test: No skin irritation SA R-8393 2/6/73
 Draize eye test: Score 27.3 - Moderately irritating SA#129903 3/1/67

Inhalation LC50: 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: Liquid 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 which lead to natural waterways.

SECTION 13: DISPOSAL CONSIDERATIONS
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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	NEPA
HAZARD CLASS: ORM-D	HEALTH..... 0
PROPER SHIPPING NAME: Consumer Commodity.	FLAMMABILITY..... 3
UN NUMBER: None.	REACTIVITY..... 0
LABEL: None.	SPECIAL..... None
PACKING GROUP:	4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
PLACARD:	
FLASH POINT: 30.6 C	

OVERSEAS BY OCEAN

HAZARD CLASS: 3.3
PROPER SHIPPING NAME: Ethyl Alcohol Solution in Limited Quantity of Class 3.3, PG III

UN NUMBER: UN1170.
LABEL: None.
PACKING GROUP: III
PLACARD:
FLASH POINT: 30.6 C
SCHEDULE B: 3304.91

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>	<i>64-17-5</i>	<i>45-65 Listed as flammable in RI, CT, MA, PA, CA</i>

LISTED UNDER THE FOLLOWING: FEDERAL REGULATIONS; STATE REGULATIONS; INTERNATIONAL REGULATIONS
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SECTION 16: OTHER INFORMATION

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