



SAFETY DATA SHEET

In accordance with OSHA's Hazard Communication Standard 29 CFR §1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Absorbine® Veterinary Liniment Gel

1.2. Relevant identified uses of the substance or mixture and uses advised against

Topical Analgesic

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier:

W. F. Young, Inc.
302 Benton Drive
East Longmeadow, MA 01028
Telephone number for information: 413 526 9999

E-mail: SDS@wfyong.com

1.4. Emergency telephone number

413 526 9999

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the mixture

F, Xn, Xi
R10, 22, 43

2.2. Label elements

Flammable
Keep out of the reach of children
Harmful if swallowed
May product an allergic reaction

2.3. Other hazards

Inhalation of vapors can cause anesthetic effect.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous ingredients information

Component	CAS Nr.	EINECS / ELINCS	Amount (%)	DSD Hazard Symbol	DSD R-Phrases
Ethanol ^a ,denatured	64-17-5	200-578-6	40 - 70	F	R11
Menthol	89-78-1	201-939-0	4		
Choroxylenol	88-04-0	201-793-8	0.5	Xi	R43
Spearmint Oil	8008-79-5	Not classified	0.5-1.0	Xi	R43
Propylene Glycol ^a	57-55-6	200-338-0	1 - 5		

Other Components:

Remaining components of this alcoholic mixture are proprietary, non-hazardous and/or are present at concentrations below reportable limits.

Additional Information:

Amounts specified are typical and do not represent a specification. For the wording of the listed risk phrases refer to Section 16.

^a Ingredient included in the Canadian Ingredient Disclosure List are one of the four categories of ingredients whose identity and concentration must be disclosed on an SDS if found in a controlled product above the concentration cut-off.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures**Inhalation**

Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

Skin

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

Eye

Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; if irritation persists, seek medical attention.

Ingestion

Give two glasses of water for dilution; induce vomiting by sticking fingers down throat; never give anything by mouth to an unconscious person; seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

INHALATION: High concentration may cause dizziness, drowsiness, nausea, and vomiting.

SKIN: Brief contact may cause slight irritation; no evidence of other adverse effects from available information.

EYES: contact may cause minor irritation.

INGESTION: Causes dizziness, drowsiness, decreased reaction, euphoria, nausea, vomiting, staggering gait, and coma. Ingestion of a large quantity of this product containing Specially Denatured Alcohol may results in poisoning.

4.3. Indication of any immediate medical attention and special treatment needed

None identified

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Flashpoint

84.2 °F (29°C)

5.2. General Hazards

Product is flammable. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

5.3. Extinguishing media

Product is flammable. Carbon dioxide, water fog, dry chemical, chemical foam.

5.4. Special hazards arising from the substance or mixture

Closed containers can explode due to buildup of pressure when exposed to extreme heat.

Hazardous combustion products.

5.5. Advice for fire-fighters

Self - contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

CAUTION: FLAMMABLE

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate and ventilate area

6.2. Environmental precautions

Do not discharge into lakes, ponds, streams or public waters.

6.3. Methods and material for containment and cleaning up

Confine and absorb into absorbent; place material into approved containers for disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Flammable. Keep container closed when not in use. Keep this and other chemicals out of reach of children. Avoid inhaling concentrated fumes or vapors.

7.2. Conditions for safe storage, including any incompatibilities

It should be stored in tightly closed containers in a cool, well ventilated area.

7.3. Specific end use(s)

None identified

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

8.2. Exposure controls

Appropriate engineering controls:

Use general dilution or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

(a) **Eye/face protection:**

Chemical splash goggles

(b) **Skin protection:**

Coveralls, apron, or other equipment should be worn to minimize skin contact. Neoprene or rubber gloves with cuffs for general protection.

(c) **Respiratory protection:**

Not ordinarily required

(d) **Thermal hazards:**

Flammable

Environmental exposure controls

None specified at present under Community environmental protection legislation. As a general precaution, do not discharge into the drains/surface waters/groundwater.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

(a) Appearance:	Clear green gel
(b) Odor:	Spearmint
(c) Odor threshold:	not established
(d) pH:	5.0 -7.0
(e) Freezing point:	<32°F (<0°C)
(f) Initial boiling point and boiling range:	173.3°F (78.5°C)
(g) Flash point:	84.2°F (29°C)
(h) Evaporation rate (water = 1):	<1
(i) Flammability (solid, gas):	not applicable
(j) Upper/lower flammability or explosive limits:	3% - 19%
(k) Vapour pressure:	17mmHg @ 20°C
(l) Vapour density (air = 1) :	>1
(m) Relative density:	0.900
(n) Solubility(ies):	complete in water
(o) Partition coefficient:	n-octanol/water: not established
(p) Auto-ignition temperature:	not determined
(q) Decomposition temperature:	not determined
(r) Viscosity:	not determined
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable

9.2. Other information

None

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not likely to react under normal storage and use conditions.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

None identified

10.4. Conditions to avoid

See 10.5

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon dioxide and carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

(a) **acute toxicity:**

Oral LD50: > 7 g/kg (rat)

Inhalation LC50: >20,000 ppm/10H (rat)

(b) **skin corrosion/irritation:** slight irritation

(c) **serious eye damage/irritation:** minor irritation

(d) **respiratory or skin sensitization:** not a contact sensitizer

(e) **germ cell mutagenicity:** not available for the mixture

(f) **carcinogenicity:** not available for the mixture

(g) **reproductive toxicity:** not available for the mixture

(h) **STOT-single exposure:** not available for the mixture

(i) **STOT-repeated exposure:** not available for the mixture

(j) **aspiration hazard:** not available for the mixture

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data are available on the adverse effects on this material on the environment. None of the ingredients in this mixture are classified as a Marine Pollutant.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not contaminate water, food, or feed by storage or disposal. This product, when spilled or disposed of, is a hazardous waste and may product hazardous vapors in a closed space.

Consults your local, state, or federal agency before disposing any chemicals.

SECTION 14: TRANSPORT INFORMATION

14.1. Ground:

Limited Qty



14.2. Ocean

UN1170 Alcohol Solution in Limited Quantities Class 3 Packing Group III square-on-point display per 3.4.5.1

14.3 Air:

ID8000 Consumer Commodity Class 9 No PG mark as Consumer Commodity, ID8000 package orientation

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (USA - Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume or Polymer Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

Immediate health

313 Reportable Ingredients:

(a) Indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CERCLA (USA - Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS Classification: D2B

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 3 **VbK Index:** A III

15.2. Chemical Safety Assessment

Not available for the mixture

SECTION 16: OTHER INFORMATION

Risk and Safety phrases:

R10	Flammable
R22	Harmful by inhalation and if swallowed.
R43	May cause sensitization by skin contact.
S2	Keep out of the reach of children
S13	Keep away from food, drink and animal feeding stuffs.

LAST UPDATE: 27 October 2014

Changes:

10/27/2014 – updated format to §1910.1200 criteria

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