



Aspen<sup>®</sup> Veterinary Resources<sup>®</sup>, Ltd.  
**Safety Data Sheet**

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

**1.1 Product Identifier**

Product form: Liquid  
Product name: Aspirin Liquid Concentrate

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

A leading liquid aspirin product in quality and performance. An oral, pre-mixed, concentrated 12% Acetylsalicylic Acid solution for use in livestock and livestock drinking water.

**1.3 Details of the supplier of the safety data sheet**

Name: Aspen Veterinary Resources

**1.4 Emergency telephone number:**

859-737-3441

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

GHS-US classification: Highly Flammable. The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture.

**2.2 Label Elements**

GHS-US Labeling: n/a

Hazard pictograms (GHS-US)

Signal word (GHS-US)

Hazard Statements (GHS-US)

Precautionary statements (GHS-US)

**2.3 Other Hazards**

Other hazards not contributing to the classification: none known

**2.4 Unknown Acute Toxicity (GHS US)**



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None known

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances Ethyl Alcohol, Glycerine, Propylene Glycol, Aspirin Powder, Blue Dye**

**3.2 Mixture n/a**

Name	Product identifier	%	GHS-US Classification
<u>Propylene Glycol</u>	<u>25322-68-3</u>	<u>20%</u>	
<u>Glycerine</u>	<u>56-81-5</u>	<u>20%</u>	
<u>Ethyl Alcohol</u>	<u>64-17-5</u>	<u>60%</u>	

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

First-aid measures general: Clean affected area well. If symptoms persist contact health professional

First-aid measures after inhalation: Immediately move to fresh air away from irritant.

First-aid measures after skin contact: Wash hands in accordance with good health procedures.

First-aid measures after eye contact: Flush eyes with water.

First-aid measures after ingestion: First steps should include evaluation of the airway and administration of supplemental oxygen, if necessary. Ingested substances need to be diluted with water or milk as soon as possible unless the airway is compromised.

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

Symptoms/injuries after inhalation: cough, lung irritation, acute cases may experience restrictions in breathing

Symptoms/injuries after skin contact: rash, redness, skin irritation at contact site, itchiness. Severe cases may include inflammation and swelling.

Symptoms/injuries after eye contact: Redness, burning, dryness, blurred vision

Symptoms/injuries after ingestion: Nausea, Indigestion, diarrhea, gastrointestinal upset

Chronic symptoms: n/a

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

Restricted breathing, impaired vision, vomiting, dehydration.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media- Water spray, carbon dioxide, dry chemical powder or appropriate foam**

**5.2 Special hazards arising from the substance or mixture Wear self-contained breathing apparatus and protective**



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clothing to prevent contact with skin and eyes.

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**5.3 Advice for firefighters** Wear fully protective clothing and use self-contained breathing apparatus. Spray water mist over hot drums.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions protective equipment and emergency procedures**

Wear NIOSH approved equipment suitable for nuisance aroma. Protective gloves, rubber or latex. Eye protection. Avoid direct inhalation.

**6.1.1 For non-emergency personnel**

Protective equipment: Wear NIOSH approved equipment suitable for nuisance aromas.

**6.1.2 For emergency responders**

Protective equipment: Wear fully protective clothing and use self-contained breathing apparatus.

Emergency procedures: In accordance with Federal, State and Local regulations.

**6.2 Environmental precautions:**

Salvage if not contaminated

**6.3 Methods and material for containment and cleaning up:**

In accordance with federal, state and local regulations

**6.4 Reference to other sections:**

Section 4: First Aid Measures

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for sale handling: Keep tightly sealed and store in a dry place out of direct sunlight**

Additional hazards when processed: none known

Precautions for safe handling: none known

Hygiene measures: none known

**7.2 Conditions for safe storage including any incompatibilities:**

Storage conditions: Dry area out of direct sunlight

Incompatible products: Avoid strong oxidizing agents (such as sodium hypochlorite, hypochlorous acid)

Incompatible materials: n/a

Storage area: Dry area out of direct sunlight

Packaging materials: Plastic Jug or bottle with Plastic Closure, may include corrugated box with biodegradable peanuts.

**7.3 Specific end use(s)**

**FOR ANIMAL CONSUMPTION ONLY**

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**



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**8.1 Control parameters** RESPIRATORY PROTECTION (SPECIFIC TYPE): N/A

VENTILATION:

LOCAL EXHAUST: N/A.

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Rubber or Latex

EYE PROTECTION: Chemical glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: In accordance with good hygiene.

WORK AND/OR HYGIENIC PRACTICES: Wash hands in accordance with good health procedures.

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**8.2 Exposure controls** RESPIRATORY PROTECTION (SPECIFIC TYPE): N/A

LOCAL EXHAUST: N/A.

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Rubber or Latex

EYE PROTECTION: Chemical glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: In accordance with good hygiene.

WORK AND/OR HYGIENIC PRACTICES: Wash hands in accordance with good health procedures.

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Appropriate engineering controls: none known

Personal protective equipment: Protective clothing

Materials for protective clothing: non-flammable or flame retardant

Hand protection: Gloves, Rubber or Latex

Eye protection: Chemical Glasses or Goggles

Skin and body protection: In accordance with good hygiene

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

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Physical state: Liquid

Appearance: Clear Liquid

Color: Blue

Odor: Strong alcohol smell

Odor threshold:

pH: n/a

Relative evaporation rate (butylacetate=1): Not available

Melting point: n/a

Freezing point: n/a

Boiling point: not known

Flash point: n/a

Self-ignition temperature: Undetermined

Decomposition temperature: Undetermined

Flammability (solid, gas): Non Flammable

Vapor pressure: n/a

Relative vapor density at 20° C: n/a

Relative density: n/a

Density: n/a

Solubility: percent water soluble

Log Pow: n/a

Log Kow: n/a



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Viscosity, kinematic: n/a  
Viscosity, dynamic: n/a  
Explosive properties: n/a  
Oxidizing properties: n/a  
Explosive limits: n/a

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**9.2 Other information**

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**SECTION 10: STABILITY AND REACTIVITY**

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**10.1 Reactivity** None known

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**10.2 Chemical stability** Stable

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**10.3 Possibility of hazardous reactions** Flammable

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**10.4 Conditions to avoid** Avoid strong oxidizing agents (such as sodium hypochlorite, hypochlorous acid)

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**10.5 Incompatible materials** unknown

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**10.6 Hazardous decomposition products** Toxic fumes of carbon monoxide, carbon dioxide

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**11.1 Information on toxicological effects**

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Skin corrosion/irritation: may occur in rare cases  
Serious eye damage/irritation: may occur in rare cases  
Respiratory or skin sensitization: may occur in rare cases  
Germ cell mutagenicity: n/a  
Carcinogenicity: n/a  
Reproductive toxicity: n/a  
Specific target organ toxicity (single exposure) none known  
Specific target organ toxicity (repeated exposure) none known  
Aspiration hazard: may occur in rare cases  
Symptoms/injuries after inhalation: in rare cases: difficulty breathing, shortness of breath  
Symptoms/injuries after skin contact: in rare cases: redness, irritation, inflammation at area of contact  
Symptoms/injuries after eye contact: in rare cases: redness, vision impairment, dryness  
Symptoms/injuries after ingestion: in rare cases: gastrointestinal upset, vomiting, diarrhea, indigestion.  
Chronic symptoms: none known

**SECTION 12: ECOLOGICAL INFORMATION (NON- MANDATORY)**

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**12.1 Toxicity**

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**12.2 Persistence and degradability**

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**12.3 Bio accumulative potential**

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**12.4 Mobility in soil**

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**12.5 Other adverse effects**

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**SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)**

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**13.1 Waste treatment methods**

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Waste disposal recommendations:  
Additional information:  
Ecology – waste materials:

**SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)**

In accordance with ADR/RID/IMDG/IATA

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**14.1 UN number**

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UN-No. (DOT)  
DOT NA no.:

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**14.2 UN proper shipping name**

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DOT Proper Shipping Name:

Department of Transportation (DOT) Hazard:  
Classes  
Hazard Label (DOT):

DOT Symbols:  
Packing group (DOT):  
DOT Special Provisions (49 CFR 172.102)

DOT Packaging Exceptions (49 CFR 173.xxx):  
DOT Packaging Non Bulk (49 CFR 173.xxx):  
DOT Packaging Bulk (49 CFR 173.xxx):

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**14.3 Additional Information**

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Other information:

Overland transport

Transport by sea

DOT Vessel Stowage Location:  
DOT Vessel Stowage Other:

Air Transport

DOT Quantity Limitations Passenger aircraft/rail:  
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)



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**SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)**

**15.1 US Federal regulations**

**15.2 International regulations**

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

15.2.2.National Regulations

**15.3 US State Regulations**

**SECTION 16: OTHER INFORMATION**

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Preparer: S. Boyd

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