



Aspen[®] Veterinary Resources[®], 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: Aspen Liquid Aspirin

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: AHC PRODUCTS, INC.
Address: 301 W BROADWAY STREET
WINCHESTER, KY 40391

Telephone: 859-737-3441

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 |
|------------------|--------------------|-----|-----------------------|
| Propylene Glycol | 25322-68-3 | 20% | |
| Glycerine | 56-81-5 | 20% | |
| Ethyl Alcohol | 64-17-5 | 60% | |

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.

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

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 safe 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, hypchlorus 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.

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.

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

9.1 Information on basic physical and chemical properties

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

9.2 Other information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity None known

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions Flammable

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

10.5 Incompatible materials unknown

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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)

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bio accumulative potential

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12.4 Mobility in soil

12.5 Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

13.1 Waste treatment methods

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

SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

In accordance with ADR/RID/IMDG/IATA

14.1 UN number

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

14.2 UN proper shipping name

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):

14.3 Additional Information

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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