



## **Safety Data Sheet**

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

#### **1.1 Product Identifier**

Product name: Blue Lotion

Product form: Liquid

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

Use of the substance/mixture: Blue Lotion is a fast drying marker used on cattle, dairy cattle, dogs, horses, sheep and goats.

#### **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: There are no hazardous ingredients present in this mix at levels greater than 1%. This is a non-hazardous mix according to OSHA standards.

#### **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)**

None known



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

**3.1 Substances Ethanol, Glycerine, Isopropyl Alcohol, Methyl Blue, Propylene, Glycol and Sodium Salicylate**

**3.2 Mixture**

Ethanol CAS#64-17-5  
Isopropanol CAS#67-63-0

Propylene Glycol CAS#57-55-6  
Sodium Salicylate CAS#54-21-7

### **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: May cause irritation. In high concentration may cause dizziness, headache and stupor

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- Carbon dioxide, dry chemical, alcohol, foam.**

**5.2 Special hazards arising from the substance or mixture N/A**

**5.3 Advice for firefighters Wear fully protective clothing and use self-contained breathing apparatus.**



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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 dust. 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 dust.

##### 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: Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN. Not intended for human use.

Hygiene measures: none known

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

Storage conditions: Dry area out of direct sunlight

Incompatible products: None known

Incompatible materials: Strong oxidizers

Storage area: store in cool dry area. Do not expose to heat or store in areas above 120°F.

Packaging materials: Plastic jar or pail 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

**8.1 Control parameters** RESPIRATORY PROTECTION (SPECIFIC TYPE): Wear NIOSH approved equipment suitable for nuisance dust.

VENTILATION:

LOCAL EXHAUST: Use to minimize nuisance dust.

MECHANICAL (GENERAL):

SPECIAL:

OTHER:



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**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):** Wear NIOSH approved equipment suitable for nuisance dust.  
**VENTILATION:**  
**LOCAL EXHAUST:** Use to minimize nuisance dust.  
**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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## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

Physical state: Liquid  
Appearance: Deep purple liquid  
Color: Purple  
Odor: Strong alcohol odor  
Odor threshold:  
pH: n/a  
Relative evaporation rate (butylacetate=1): Nil  
Melting point:  
Freezing point:  
Boiling point: 117-212°F  
Flash point: 69°F  
Self-ignition temperature: Undetermined  
Decomposition temperature: Undetermined  
Flammability (solid, gas): Non Flammable  
Vapor pressure: 33 mmHG  
Relative vapor density at 20° C: N/A  
Relative density: (Air=1) 2.1  
Density: N/A  
Solubility: In water complete  
Log Pow: N/A  
Log Kow: N/A  
Viscosity, kinematic: N/A  
Viscosity, dynamic: N/A  
Explosive properties: Stable  
Oxidizing properties: N/A  
Explosive limits: N/A

### **9.2 Other information**



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### SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity** None known

**10.2 Chemical stability** Stable

**10.3 Possibility of hazardous reactions** None Known

**10.4 Conditions to avoid** Airborne concentrations of dust greater than 20-grams/cubic meter combined with sources of ignition. Heat, sparks, and open flames.

**10.5 Incompatible materials** avoid oxidation as it may effect potency of vitamins.

**10.6 Hazardous decomposition products** none known

### 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

#### 12.4 Mobility in soil

#### 12.5 Other adverse effects

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



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### **13.1 Waste treatment methods**

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Waste disposal recommendations: In accordance with local, state and federal regulations.  
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)

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

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### **15.1 US Federal regulations**

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Federal Regulations: Parts 29 and 42 Code of Federal Regulations

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### **15.2 International regulations**

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## **Safety Data Sheet**

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

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### **15.3 US State Regulations**

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## **SECTION 16: OTHER INFORMATION**

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, AHC Products, Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond AHC Products, Inc. control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risk of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

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