



STRAIGHT ARROW PRODUCTS, INC.

P.O. Box 20350 – Lehigh Valley, PA 18002-0350

SAFETY DATA SHEET

1 – IDENTIFICATION

IDENTITY (as used on label and list): **MANE ‘N TAIL PRO-TECT ANTIMICROBIAL WOUND TREATMENT**

Manufacturer’s Name:

STRAIGHT ARROW PRODUCTS, INC

Address:

P.O. Box 20350

Lehigh Valley, PA 18002-0350

Emergency Telephone No:

1-800-827-9815

Telephone No. for information:

1-800-827-9815

Previous Date: March 22, 2016

Revision Date: April 11, 2016

Recommended Use: Product for equine grooming

Uses advised against: Intended use only

2 – HAZARD(S) IDENTIFICATION

Classification

“Consumer Products” as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (21 CFR 1910.1200). This SDS is provided as a courtesy to help in the safe handling and proper use of the product in this SDS.

Hazard Overview: This product is considered safe used according to label instructions. Comments for additional health effect considerations are as follows:

Eye: Contact may cause mild, transient irritation.

Skin: Not expected to cause irritation when used as intended.

Inhalation: Not expected to be irritating.

Appearance and Odor: Clear liquid – pleasant odor

Precautionary Statements:

Precautions for safe handling: No unusual handling or storage precautions.

Hazards not otherwise classified (HNOC) – not applicable

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 21CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Active Ingredient: Benzalkonium Chloride: 0.125%

Non-Hazardous Raw Materials:

Chemical Name	CAS No.	Weight %	Trade Secret
Water/Aqua/Eau	7732-18-5	*	*
Benzalkonium Chloride	68424-85-1	*	*
Sodium Benzoate	532-32-1	*	*
Octyl Phenol E9-10	42173-90-0	*	*
Propylene Glycol	57-55-6	*	*
Cetrimonium Chloride	112-02-7	*	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4 – FIRST AID MEASURES

Eye: If eye is irritated, thorough rinsing for 15-20 minutes of the affected eye with water is recommended. If discomfort or irritation persists, contact a physician.

Skin: If skin is irritated, discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, contact a physician.

Ingestion: Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion, dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting. Note: After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

Inhalation: Not applicable

5 – FIRE FIGHTING MEASURES

Flash Point (Tag closed cup) >200°F.

LEL: N/A **UEL:** N/A

NOT FLAMMABLE

Limits: No data

Extinguishing Media: NONE

Special Fire Fighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unusual Fire and Explosion Hazards: None

Specific Hazards Arising from the Chemical: No information available

Uniform Fire Code: Irritant: Liquid

Hazardous Combustion Products: Carbon oxides

Explosion Data: **Sensitivity to mechanical impact:** No **Sensitivity to static discharge:** No

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6 – ACCIDENTAL RELEASE AID MEASURES

Procedure for consumer spill/leak cleanups:

Use absorptive material i.e. towels, paper towels to clean up. Dispose in trash.

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Avoid contact with skin, eyes and clothing. Spilled product may be slippery.

Other information: Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions: Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment: Prevent further leakage or spillage if safe to do so.

7 – HANDLING AND STORAGE

Precautions for safe handling: No unusual handling or storage precautions.

Conditions for safe storage, including any incompatibilities:

Storage: Keep container tightly closed.

Incompatible Products: None known.

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Avoid getting in eyes. This product is safe for use, no personal protective equipment is necessary.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F.	Specific Gravity (H ₂ O=1): 1.01 at 77°F.
Pressure (mm Hg): N/A	Melting Point: N/A
Vapor Density (Air=1): N/A	Evaporation Rate (Butyl acetate=1): N/A
Solubility in Water: Soluble	VOC Content (%): No data available

Physical & Chemical Properties:

Physical State	Liquid	Odor	Antiseptic
Appearance	Liquid	Odor Threshold	No data available
Color	Water white	pH:	5.8 – 6.8

Property	Values	Remarks/Method
Flash point	>200°F.	TCC
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability limits in air (Upper Limit)	No data available	None known
Flammability limits in air (Lower Limit)	No data available	None known
Solubility in other Solvents	No data available	None known
Partition Coefficient: n-octanol/water	No data available	None known
Auto ignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing properties	No data available	None known

10 – STABILITY AND REACTIVITY

Stability Stable (X) Unstable ()	Conditions to Avoid: N/A
Incompatibility (Materials to Avoid): None Known	Reactivity: None known
Hazardous Decomposition or Byproducts: None Known	Hazardous Polymerization will not occur
Possibility of Hazardous Reactions: None	Chemical Stability: Stable under recommended storage conditions.

11 – TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation: There is no data available for this product.

Eye Contact: Contact may cause mild, transient irritation.

Skin Contact: Not expected to cause irritation when used as intended.

Ingestion: Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion, dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting. Note: After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

Information on Toxicological Effects: May cause redness and tearing of the eyes.

Delayed and Immediate Effects as Well as Chronic Effects from Short and Long-term Exposure

- Sensitization:** No information available.
- Mutagenic Effects:** No information available.
- Carcinogenicity:** Contains no ingredient listed as a carcinogen.
- Reproductive Toxicity:** No information available.
- STOT–single exposure:** No information available.
- STOT–repeated exposure:** No information available.
- Chronic Toxicity:** No known effect based on information supplied.
- Target Organ Effects:** Eyes - irritant.
- Aspiration Hazard:** No information available.

Numerical Measures of Toxicity Product Information

Unknown Aquatic Toxicity: No data available.

The following values are calculated based on chapter 3.1 of the GHS document:

- ATEmix (oral) (mg/kg):** No data available
- ATEmix (dermal) (mg/kg (ATE):** No data available
- ATEmix (inhalation-dust/mist) (mg/L):** No data available

12 – ECOLOGICAL INFORMATION

The ingredients in this product are expected to be safe for the environment when presented as a finished consumer product. Packaging materials are suitable for solid waste management practices.

Ecotoxicity: Not toxic to aquatic life.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13 – DISPOSAL CONSIDERATIONS

Disposal should be in accordance to local, state and federal regulations.

Waste from Residues/Unused Product: Dispose in accordance with local regulations.

Contaminated Packaging: Dispose in accordance with local regulations.

California Hazardous Waste Codes: 561

14 – TRANSPORT INFORMATION

US ground transportation: Non-hazardous. Not regulated under US DOT Hazardous Materials.

Air shipments: Non-hazardous. Not regulated under IATA regulations.

Vessel shipments: Non-hazardous. Not regulated under IMDG code.

Marine Pollutant: Non-hazardous.

- TDG:** Not regulated.
- MEX:** Not regulated.
- ICAO:** Not regulated.
- IATA:** Not regulated, **Proper shipping name:** not regulated, **Hazard Class:** N/A
- IMDG/IMO:** Not regulated, Hazard Class: N/A
- RID:** Not regulated.
- ADR:** Not regulated.
- ADN:** Not regulated.

15 - REGULATORY INFORMATION

This product is regulated by the Food and Drug Administration (FDA).

International Inventories

TSCA¹ Complies

DSL² All components are listed either on the DSL or NDSL

¹**TSCA:** United States Toxic Substances Control Act 8(b) Inventory

²**DSL/NDSL:** Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations - SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 12.21 and 40 CFR 122.42):

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) – n/a

U.S. State Regulations

California Proposition 65 – This product does not contain a Proposition 65 chemical.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
n/a	n/a	n/a	n/a

16 - OTHER INFORMATION

Authoritative Resources:

- Individual raw material manufacturer's Safety Data Sheet
- Individual raw material manufacturer's Certificate of Analysis

DISCLAIMER

The information on this sheet is believed to be correct but does not purport to be all-inclusive and shall be used only as a guideline for safe handling, use, processing, storage, transportation disposal or release. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws. Straight Arrow Products, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.