



SAFETY DATA SHEET

Espana® Equine SILK Natural Bug Spray

1. IDENTIFICATION

1.1	Product Name	Espana® Equine SILK Natural Bug Spray
1.2	Product ID/Synonyms	8-97321-00179-9, 8-97321-00181-2, 8-97321-00183-6, 8-97321-00185-0
	UN HS Code	330300
1.3	Product Type	Finished Product - Mixture - Consumer Use
	Recommended Use	Topical spray for Horses
	Product Dilution Information	Product is sold ready to use.
1.4	Manufacturer	Espana SILK Products 4925 Orleans Lane North Plymouth, Minnesota 55441
	Non-Emergency Contact	1 (763) 546-7455 Professional Products: 1(866) 510-7455; Retail Products: 1(866) 510-7455
	Email Address	info@espanaproducts.com
1.5	Emergency Telephone	1 (866) 510-7455
	Poison Control Hotline	1 (800) 222-1222

2. HAZARD IDENTIFICATION

- 2.1 **Classification of substance or mixture**
GHS classification in accordance with OSHA (29 CFR 1910.;1200)
 Not a hazardous substance or mixture
- 2.2 **GHS label elements, including precautionary statements**
 Not a hazardous substance or mixture
- 2.3 **Other hazards which do not result in classification**
 Not a hazardous substance or mixture

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2	Substances	Ingredient	CAS no.
	1	Purified Water	7732-18-5
	2	Proprietary blend of Rosemary, Sage, Peppermint & Lemongrass oils	8000-25-7 8016-63-5 8006-90-4 8007-02-1
	3	Tea Tree Oil < 0.5%	68647-73-4
	4	Cedarwood Oil < 0.5%	8000-27-9
	5	Eucalyptus Oil < 0.5%	8000-48-4
	6	Citronella < 0.5%	8000-29-1
	7	DMDM Hydantoin	6440-58-0
	8	Sodium Laureth Sulfate	9004-82-4

Trade secret statement (OSHA 1910.1200(i))

If Chemical Name CAS No. is "proprietary" and/or weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as trade secret.

4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures

If inhaled	May cause slight irritation to throat, nose and lungs. If symptoms develop, move person to fresh air.
In case of skin contact	Non-irritating under conditions of normal use. If irritation or allergic reaction develops, consult a physician.
In case of eye contact	May cause irritation. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing the eye. Call poison control center or doctor for treatment advice.
If swallowed	May cause gastrointestinal irritation if swallowed. Rinse mouth with water. Drink two glasses of water. Do not induce vomiting except on the advice of a physician.

5. FIRE - FIGHTING MEASURES**5.1 Suitable extinguishing media**

Water and Foam.

5.2 Specific hazards arising from the chemical

N/A

5.3 Special protective actions for fire-fighters

No special fire fighting equipment is required, however, self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal Precautions, protective equipment and emergency procedures**

None.

6.2 Environmental precautions

None, product is biodegradable.

6.3 Methods and materials for containment and cleaning up

Wash up spill area.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Consider normal working environment. Use common sense precaution.

7.2 Conditions for safe storage, including any incompatibilities

Store in original, closed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.3 Individual protection measures, such as personal protective equipment (PPE)**

Eye/face protection	Wear splash goggles if contact with liquid is likely.
Skin protection	Use rubber or neoprene gloves if necessary.
Respiratory protection	Normal room ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/form	Milky liquid
Odor	Pleasant herbal fragrance
Odor threshold	Not available.
pH value	6.5 - 7.5
Melting/Freezing point	Not determined
Boiling point/boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not available.
Upper/ lower flammability limit	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative Density	Not available.
Water solubility	Completely Soluble.
Solubility in other solvents	Not available.
Partition coefficient: n-octanol/water	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.

10. STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous polymerization: will not occur.
10.2 Chemical stability	Stable under normal conditions..
10.3 Possibility of hazardous reactions	None known for mixture.
10.4 Conditions to avoid	None known for mixture.
10.5 Materials to avoid	None known for mixture.
10.6 Hazardous Decomposition Products	None known for mixture.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization	Not expected to cause respiratory sensitization.
Carcinogenicity	NTP: Not Listed ARC: Not Listed OSHA: Not Listed

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not known for mixture.
Persistence and degradability	Not known for mixture.
Bioaccumulative potential	Not known for mixture.
Mobility in soil	Not known for mixture.
Other adverse effects	Not known for mixture.

13. DISPOSAL CONSIDERATION

Disposal of product Disposal should be in accordance to applicable regional, national, local laws and regulations.

14. TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

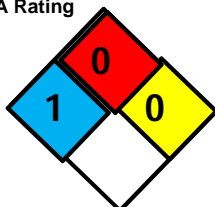
15. REGULATORY INFORMATION

15.2 Chemical Safety Assessment
None known for mixture.

HMIS Rating

Espana® Equine SILK Natural Bug Spray	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating



16. OTHER INFORMATION

16.1 Further information/disclaimer

Be safe and use common sense precaution. Read this product safety information and share with your associates. Product liability law requires it. The information provided in this Safety Data Sheet has been compiled from current sources believed to be reliable at the date of its publication. It is offered for your information, as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. This information only relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text.

Prepared by: Technical Department
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