

# MATERIAL SAFETY DATA SHEET

## BRONCO GOLD EQUINE FLY SPRAY

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Printed: 05/18/2011  
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Supercedes Revision: 05/18/2010

### 1. Product and Company Identification

**Product Code:** 270-263A  
**Product Name:** BRONCO GOLD EQUINE FLY SPRAY  
**Manufacturer Information**  
**Company Name:** Distributed by:  
Farnam Companies, Inc.  
301 West Osborn Road  
Phoenix, AZ  
**Emergency Contact:** CHEMTREC (800)424-9300  
**Alternate Emergency Contact:** District of Columbia (202)483-0414  
**Information:** Farnam Companies, Inc. (800)234-2269  
**Preparer Name:** Sherry Faith  
**Chemical Family:** COMPOUND  
**Additional Identity Information**  
3005635 32-oz  
3005682 1-gal

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. Pyrethrins and Pyrethroids	8003-34-7	0.1 %	5mg/m3	No data.
2. Piperonyl butoxide	51-03-6	1.0 %	No data.	No data.
3. BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	7.5 %	No data.	No data.
4. ISOPARAFFINIC PETROLEUM SOLVENT	64742-47-8	60.0 -90.0 %	No data.	No data.

### 3. Hazards Identification

#### Emergency Overview

KEEP OUT OF REACH OF CHILDREN

**Route(s) of Entry:** Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

#### Potential Health Effects (Acute and Chronic)

Skin and eye irritation

#### Recommended Exposure Limits

NE

#### LD 50 / LC 50

>2000 mg/kg

#### Signs and Symptoms Of Exposure

None known

#### Medical Conditions Generally Aggravated By Exposure

None known

### 4. First Aid Measures

#### Emergency and First Aid Procedures

IF SWALLOWED: Contact a physician or poison control center immediately. Do not induce vomiting. Vomiting may cause aspiration pneumonia.

IF INHALED: Remove patient to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas of skin with soap and water. Contact a physician if irritation persist.

IF IN EYES: Flush with plenty of water. Contact a physician if irritation persists.

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**5. Fire Fighting Measures**

**Flash Pt:** 164.00 F Method Used: TAG Closed Cup  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Autoignition Pt:** NA

**Fire Fighting Instructions**

Use SCBA, Cool fire exposed area & equipment

**Flammable Properties and Hazards**

Do not use direct stream of water. Material may float and reignite.

**Hazardous Combustion Products**

None known

**Extinguishing Media**

Foam, Dry Chemical, CO2, or Water Fog

**Unsuitable Extinguishing Media**

None known

**6. Accidental Release Measures**

**Steps To Be Taken In Case Material Is Released Or Spilled**

In case of spillage or leakage, soak up with an absorbent material such as sand, sawdust, earth, Fuller's Earth.  
Dispose of with chemical waste.

**7. Handling and Storage**

**Hazard Label Information:**

Store in cool, dry area Do not use/store near heat/open flame

**Precautions To Be Taken in Handling**

Securely wrap original container in several layers of newspaper and discard in trash. Do not reuse empty container.

**Precautions To Be Taken in Storing**

Store in a cool, dry place.

**8. Exposure Controls/Personal Protection**

**Protective Equipment Summary - Hazard Label Information:**

Rubber or plastic gloves Safety glasses

**Respiratory Equipment (Specify Type)**

None

**Eye Protection**

Safety glasses

**Protective Gloves**

Rubber

**Other Protective Clothing**

None

**Engineering Controls (Ventilation etc.)**

General ventilation is sufficient.

**Work/Hygienic/Maintenance Practices**

Wash hands before eating, smoking or using restroom.

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**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Melting Point:** NA  
**Boiling Point:** NA  
**Autoignition Pt:** NA  
**Flash Pt:** 164.00 F Method Used: TAG Closed Cup  
**Specific Gravity (Water = 1):** 0.808  
**Vapor Pressure (vs. Air or mm Hg):** N.A.  
**Vapor Density (vs. Air = 1):** N.A.  
**Evaporation Rate (vs Butyl Acetate=1):** N.A.  
**Solubility in Water:** No data.  
**Solubility Notes**  
Insoluble  
**Percent Volatile:** N.A.  
**pH:** 7.00  
**Appearance and Odor**  
Light amber, faint lemon odor

**10. Stability and Reactivity**

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability**  
None known  
**Incompatibility - Materials To Avoid**  
None known  
**Hazardous Decomposition Or Byproducts**  
No data available.  
**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Polymerization**  
None known

**11. Toxicological Information**

No data available

**Chronic Toxicological Effects**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Pyrethrins and Pyrethroids	8003-34-7	n.a.	n.a.	A4	n.a.
2. Piperonyl butoxide	51-03-6	n.a.	n.a.	n.a.	n.a.
3. BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	n.a.	n.a.	n.a.	n.a.
4. ISOPARAFFINIC PETROLEUM SOLVENT	64742-47-8	n.a.	n.a.	A4	n.a.

**12. Ecological Information**

This product is toxic to fish. Keep out of lakes, streams or ponds.

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**13. Disposal Considerations**

**Waste Disposal Method**

Dispose of in accordance with Local, State and Federal regulations. This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

**14. Transport Information**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name** Not regulated as hazardous by U.S. DOT.

**DOT Hazard Label:** None

**Additional Transport Information**

No data available.

**15. Regulatory Information**

No data available.

**16. Other Information**

**Company Policy or Disclaimer**

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.