MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BUSHMASTER

MSDS NUMBER: na **PRODUCT CODE:** NA

MSDS DATE: 8-05-08 **KEY NUMBER:** NA

EMERGENCY PHONE #'s:

Emerald Triangle
164 Dinsmore Dr.
Fortuna, CA. 95540
707-725-4119 Fax: 725-3747

HEALTH	0	Normal material
FIRE	1	Flash Point: Above 200°F, 93°C
REACTIVITY	1	Unstable If Heated
SPECIFIC	None Known	-

1. IDENTIFICATION

☐ *See Addendum:* Ref. PAGE:

Chemical Name: N.A.
Chemical Family: N.A.
CAS #: N.A. **Chemical Formula:** N.A.
CAS Name: N.A. **Molecular Weight:** N.A.
Synonyms / Common Name: N.A.
DOT Information: NON-REGULATED INTERNATIONAL (I.M.O.) NON-REGULATED

2. PHYSICAL DATA

☐ *See Addendum:* Ref. PAGE:

Appearance: LIQUID
Color: PURPLE
State: N.A.
Odor Characteristics: ODOR OF KELP
pH: 6.9-7.3
Viscosity: 50 cps@ 70 degrees F
Specific Gravity (Water = 1): 1.04-1.15
Vapor Density (Air = 1): N.D.
Vapor Pressure: 0.129@ 77 degrees F

Melting Point: N.A.
Boiling Point: 188.2 degrees C
Flash Point: 99 degrees C
Freezing Point: -59 degrees C
Percent Volatility: 0%
Evaporation Rate (BAc = 1): 0.01
Solubility in Water: Soluble
Solubility in Oil: Soluble
Solubility in Acetone: Soluble

3. INGREDIENTS

☐ *See Addendum:* Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Propylene Glycol	57-55-6	Propylene Glycol	N.A.	97%
Phosphoric Acid	7664-38-2	Phosphoric Acid	N.A.	0.1%
Kelp Extract	N.A.	N.A.	N.A.	1.5-3%
Glycine	56-40-6	Glycine	N.A.	0.35%

4. FIRE AND EXPLOSION HAZARD DATA

☐ *See Addendum:* Ref. PAGE:

Flash Point: 99 degrees C

Flammable Limits in Air % by volume: Lower 2.6% Upper: 12.5% Upper

Extinguishing Media: USE EXTINGUISHING AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE. WATER: OK
CARBON DIOXIDE: OK FOAM: OK DRY CHEMICAL: OK OTHER: Any "ABC" Class

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None

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MSDS NUMBER: na
MSDS DATE: 8-05-08
PRODUCT CODE: NA
KEY NUMBER: NA

5. HEALTH HAZARD DATA

☐ *See Addendum:* PAGE #:

Threshold Limit Value: N.A.

Effects of Overexposure:

Inhalation: No adverse effects by inhalation

Skin Contact: Mild irritant and defatting agent, especially on prolonged contact.

Eye Contact: May cause traqnsitory stinging and tearing

Ingestion: Relatively non-toxic. Ingestion of sizable amount (over 100 ml./ 4 oz.) may cause some gastrointestinal upset and temporary central nervous system depression.

Delayed Effects: Not Known

Medical Conditions Aggravated by Exposure Kidney disorders

6. FIRST AID MEASURES

☐ *See Addendum:* PAGE #:

Inhalation: REMOVE TO FRESH AIR. NOT EXPECTED TO REQUIRE FIRST AID MEASURES

Skin Contact: REMOVE ANY CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

Eye Contact: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion: NOT EXPECTED TO REQUIRE FIRST AID MEASURES. GIVE SEVERAL GLASSES OF WATER TO DRINK AND DILUTE. IF LARGE AMOUNTS ARE SWALLOWED, SEEK MEDICAL ADVICE.

NOTES TO PHYSICIAN:

7. REACTIVITY DATA

☐ *See Addendum:* PAGE #:

Stability: STABLE UNDER NORMAL CONDITIONS

Incompatibility: (materials to avoid) STRONG OXIDIZING AGENTS; STRONG BASES

Hazardous Combustion or Decomposition Products CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES, HYDROGEN CHLORIDE, NITROGEN DIOXIDES

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: INCOMPATABLES

8. SPILL OR LEAK PROCEDURES

☑ *See Addendum:* PAGE #:

Actions to take for Leaks & Spills For small releases of this product, wear latex or nitrile gloves and safety glasses. Absorb spilled liquid and rinse area with soap and water. For large releases, ventilate area, remove all sources of ignition. Collect liquid in an appropriate

Waste Disposal Method: Dispose of unused contents according to federal, state and local regulations.

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PRODUCT NAME: BUSHMASTER
MSDS NUMBER: na
MSDS DATE: 8-05-08
PRODUCT CODE: NA
KEY NUMBER: NA

9. SPECIAL PROTECTION INFORMATION

☐ *See Addendum:* Ref. PAGE:

Resporatory Protection: NOT NORMALLY REQUIRED FOR ROUTINE USE OF THIS PRODUCT

Eye Protection: THE USE OF GOGGLES TO PROTECT AGAINST POTENTIAL EYE CONTACT IS RECOMMENDED

Skin Protection: NO SPECIAL CLOTHING IS REQUIRED

Other Clothing: N.A.

Other Equipment: N.A.

Engineering Controls: N.A.

10. HANDLING AND STORAGE

☐ *See Addendum:* Ref. PAGE:

Special Precautions: NONE

Other Precautions: NONE

11. REGULATORY INFORMATION

☐ *See Addendum:* Ref. PAGE:

Workplace Classification: N.A.

12. TOXICOLOGICAL INFORMATION

☑ *See Addendum:* Ref. PAGE:

Acute Data: The ingredients of this product have NOT been identified as carcinogens by NTP, IARC, ACGIH, OSHA or Prop 65. Oral LD50 (rat) 20g/ kg Skin LD50 (rabbit) 20.8 g/kg. Irritation eye (rabbit) 500 mg./ 24 H mild

Reproductive / Teratology Data Mutagenicity: DNA inhibition: Subcutaneous mouse=8000mg/kg, Cytogenic analysis: Subcutaneous mouse=8000mg/kg. Cytogenic analysis: Hamster, Fibroblast-32gm/L

13. ECOLOGICAL INFORMATION

☑ *See Addendum:* Ref. PAGE:

Fate in the Environment: When releases into the soil, this material is expected to readily biodegrade and is expected to leach into ground water. When released into water this material is expected to readily degrade. When released into the air, this material is expected to be

14. DISPOSAL CONDITIONS

☐ *See Addendum:* Ref. PAGE:

Procedures: Dispose of unused contents according to federal, state, and local regulations.

15. TRANSPORTATION INFORMATION

☐ *See Addendum:* Ref. PAGE:

DOT Classification: Non-regulated

Warning Labels: N.A.

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PRODUCT NAME: BUSHMASTER
MSDS NUMBER: na
MSDS DATE: 8-05-08
PRODUCT CODE: NA
KEY NUMBER: NA

8. SPILL OR LEAK PROCEDURES - Ref. Pg. 2

container or absorb with an inert material (e.g. vermiculite, dry sand, earth) and place in a chemical waste container. Do not use combustible materials such as saw dust. Do not flush to sewer.

13. ECOLOGICAL INFORMATION - Ref. Pg. 3

degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days.

12. TOXICOLOGICAL INFORMATION - Ref. Pg. 3

Embryogenicity/Teratogenicity/Reproductive Toxicity: When given at 30% of diet, it affected reproduction rates in rats. It has generally not affected fertility or reproduction, except at very high doses where effects could be attributed to nutritional deficiency.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GRAVITY

MSDS NUMBER: na

PRODUCT CODE: NA

MSDS DATE: 8-04-2008

KEY NUMBER: NA

EMERGENCY PHONE #'s:

Emerald Triangle
164 Dinsmore Dr.
Fortuna, CA. 95540
707-725-4119 Fax: 725-3747

HEALTH	0	Normal material
FIRE	1	Flash Point: Above 200°F, 93°C
REACTIVITY	1	Unstable If Heated
SPECIFIC	None Known	-

1. IDENTIFICATION

☐ *See Addendum:* Ref. PAGE:

Chemical Name: N.A.
Chemical Family: N.A.
CAS #: N.A.
Chemical Formula: N.A.
CAS Name: N.A.
Molecular Weight: N.A.
Synonyms / Common Name: N.A.
DOT Information: NON-REGULATED INTERNATIONAL (I.M.O.) NON-REGULATED

2. PHYSICAL DATA

☐ *See Addendum:* Ref. PAGE:

Appearance: LIQUID
Color: PURPLE
State: N.A.
Odor Characteristics: ODOR OF KELP
pH: 6.9- 7.3
Viscosity: 50 cps@ 70 degrees F
Specific Gravity (Water = 1): 1.04- 1.15
Vapor Density (Air = 1): N.D.
Vapor Pressure: 0.129@ 25 degrees C
Melting Point: N.A.
Boiling Point: 188.2 degrees C
Flash Point: 99 degrees C
Freezing Point: -59 degrees C
Percent Volatility: 0 %
Evaporation Rate (BAc = 1): 0.01
Solubility in Water: Soluble
Solubility in Oil: Soluble
Solubility in Acetone: Soluble

3. INGREDIENTS

☑ *See Addendum:* Ref. PAGE: 4

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Propylene Glycol	57-55-6	Propylene Glycol	N.A.	97%
Phosphoric Acid	7664-38-2	Phosphoric Acid	N.A.	0.1%
Vitamin B1		Thiamine HCl	N.A.	0.01%
Vitamin B2		Riboflavin Phosphate Sodium	N.A.	0.01%
Vitamin B3		Niacin	N.A.	0.02%

4. FIRE AND EXPLOSION HAZARD DATA

☐ *See Addendum:* Ref. PAGE:

Flash Point: 99 degrees C

Flammable Limits in Air % by volume: Lower 2.6 Upper: 12.5 Upper

Extinguishing Media: USE EXTINGUISHING AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE. Water: OK Carbon Dioxide: OK Foam: OK Dry Chimical: OK Other: Any "ABC" Class

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None

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PRODUCT NAME: GRAVITY
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MSDS DATE: 8-04-2008
PRODUCT CODE: NA
KEY NUMBER: NA

5. HEALTH HAZARD DATA

☐ *See Addendum:* PAGE #:

Threshold Limit Value: N.A.

Effects of Overexposure:

Inhalation: No adverse effects by inhalation

Skin Contact: Mild irritant and defatting agent, especially on prolonged contact.

Eye Contact: May cause transitory stinging and tearing

Ingestion: RELATIVELY NON-TOXIC. INGESTION OF SIZABLE AMOUNT (OVER 100 ml./ 4 OZ.) MAY CAUSE SOME GASTROINTESTINAL UPSET AND TEMPORARY CENTRAL NERVOUS SYSTEM DEPRESSION.

Delayed Effects: NOT KNOWN

Medical Conditions Aggravated by Exposure KIDNEY DISORDERS

6. FIRST AID MEASURES

☐ *See Addendum:* PAGE #:

Inhalation: REMOVE TO FRESH AIR. NOT EXPECTED TO REQUIRE FIRST AID MEASURES

Skin Contact: REMOVE ANY CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

Eye Contact: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion: NOT EXPECTED TO REQUIRE FIRST AID MEASURES. GIVE SEVERAL GLASSES OF WATER TO DRINK AND DILUTE. IF LARGE AMOUNTS ARE SWALLOWED, SEEK MEDICAL ADVICE.

NOTES TO PHYSICIAN:

7. REACTIVITY DATA

☐ *See Addendum:* PAGE #:

Stability: Stable under normal conditions

Incompatibility: (materials to avoid) Strong oxidizing agents; strong bases

Hazardous Combustion or Decomposition Products Carbon dioxide, carbon monoxide, aldehydes, hydrogen chloride, nitrogen dioxides

Hazardous Polymerization: Will not occur

Conditions to Avoid: Incompatables

8. SPILL OR LEAK PROCEDURES

☑ *See Addendum:* PAGE #: 4

Actions to take for Leaks & Spills For small releases of this product, wear latex or nitrile gloves and safety glasses. Absorb spilled liquid and rinse area with soap and water. For large releases, ventilate area, remove all sources of ignition. Collect liquid in an appropriate

Waste Disposal Method: Dispose of unused contents according to federal, state, and local regulations.

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PRODUCT NAME: GRAVITY
MSDS NUMBER: na
MSDS DATE: 8-04-2008
PRODUCT CODE: NA
KEY NUMBER: NA

9. SPECIAL PROTECTION INFORMATION ☐ *See Addendum:* Ref. PAGE:

Resporatory Protection: NOT NORMALLY REQUIRED FOR ROUTINE USE OF THIS PRODUCT

Eye Protection: THE USE OF GOGGLES TO PROTECT AGAINST POTENTIAL EYE CONTACT IS RECOMMENDED

Skin Protection: NO SPECIAL CLOTHING IS REQUIRED.

Other Clothing: N.A.

Other Equipment: N.A.

Engineering Controls: N.A.

10. HANDLING AND STORAGE ☐ *See Addendum:* Ref. PAGE:

Special Precautions: NONE

Other Precautions: NONE

11. REGULATORY INFORMATION ☐ *See Addendum:* Ref. PAGE:

Workplace Classification: N.A.

12. TOXICOLOGICAL INFORMATION ☑ *See Addendum:* Ref. PAGE: 4

Acute Data: The ingredients of this product have NOT been identified as carcinogens by NTP, IARC, ACGIH, OSHA or Prop 65. Oral LD50 (rat)= 20 g/kg Skin LD50 (rabbit)= 20.8 g/kg Irritation eye (rabbit) 500 mg/24 H mild

Reproductive / Teratology Data Mutagenicity: DNA inhibition: Subcutaneous mouse= 8000mg/kg, Cytogenic Analysis: Subcutaneous mouse= 8000mg/kg, Cytogenic analysis: Hamster, Fibroblast= 32 gm/L

13. ECOLOGICAL INFORMATION ☑ *See Addendum:* Ref. PAGE: 5

Fate in the Environment: When released into the soil, this material is expected to readily biodegrade and is expected to leach into ground water. When released into water this material expected to readily degrade. When released into the air, this

14. DISPOSAL CONDITIONS ☐ *See Addendum:* Ref. PAGE:

Procedures: Dispose of unused contents according to federal, state, and local regulations.

15. TRANSPORTATION INFORMATION ☐ *See Addendum:* Ref. PAGE:

DOT Classification: Non-regulated

Warning Labels: N.A.

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PRODUCT NAME: GRAVITY
MSDS NUMBER: na
MSDS DATE: 8-04-2008
PRODUCT CODE: NA
KEY NUMBER: NA

8. SPILL OR LEAK PROCEDURES - Ref. Pg. 2

in an appropriate container or absorb with an inert material (e.g. vermiculite, dry sand, earth) and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer.

3. INGREDIENTS - Ref. Pg. 1

Kelp Extract: 0.75%- 1.5%
Glycine: 0.7 %

12. TOXICOLOGICAL INFORMATION - Ref. Pg. 3

Embryotoxicity/Teratogenicity/Reproductive Toxicity: When given at 30% of diet, it affected reproduction rates in rats. It has generally not affected fertility or reproduction, except at very high doses where effects could be attributed to nutritional deficiency.

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PRODUCT NAME: GRAVITY
MSDS NUMBER: na
MSDS DATE: 8-04-2008
PRODUCT CODE: NA
KEY NUMBER: NA

ADDENDUM for Section - 13. ECOLOGICAL INFORMATION - Ref. Pg. 3

this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days.

ADDENDUM for Section -

ADDENDUM for Section -