

# MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 4

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

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 Lower 2.6% Upper: 12.5%  
in Air % by volume: UpperExtinguishing 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 &amp; Explosion Hazards: None

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**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:** INCOMPATIBLES

**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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**9. SPECIAL PROTECTION INFORMATION**

**See Addendum:** **Ref. PAGE:**

**Respiratory 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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**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.