



Blue Wolf Bug N Tar Remover



1. Identification:**Product Identify:** Blue Wolf Bug N Tar Remover**Product Code:** BW-BT**Recommended Use:** Removal of Bugs and Tar from Vehicles**Producer/Distributor**

Blue Wolf Sales and Service

219 Industrial Park Road

Bluefield, Virginia 24605

Company Phone Number: 855-803-1417**Emergency Contact Number:** CHEMTREC 1-800-424-9300**2. Hazard Identification:****Classification:****Health Class**

Serious eye damage/eye irritation Category 2

Skin sensitization Category 1

Label**Symbols****Signal Word:****Warning****Hazard Statements:**

Causes serious eye irritation

May cause an allergic skin reaction

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapor/spray

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves/protective clothing/eye protection.

Precautionary Statements - Response

IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. Get immediate medical attention.

IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN: Wash with plenty of soap and water.

Precautionary Statements - Storage

Store in a closed container.

Precautionary Statements – Disposal

Dispose of contents in accordance with local regulations.

3. Composition/Information on ingredients**Ingredients**

2-Butoxy Ethanol

Ethoxylated Alcohol

D-Limonene

CAS Number

111-76-2

68439-46-3

5989-27-2

**Percent
by Weight**

< 3

< 2

< 1

4. First-Aid Measures**Ingestion:**

: Clean mouth with water and drink afterwards plenty of water.

Eye Contact:

: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention

Skin Contact:

: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Inhalation:

: Move to fresh air. If irritation persists, obtain medical attention

Most important symptoms/effects, acute and delayed**Main Symptoms**

The most important symptoms and effects are described in labeling in section 2 and/or in section 11.

Notes to physician

Treat symptomatically.

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5. Fire Fighting Measures:				
Suitable Extinguishing Media:		: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Unsuitable Extinguishing Media:		: Not determined.		
Unusual Fire and Explosion Hazards:		: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
6. Accidental Release Measures:				
Protective Equipment and Emergency Procedures				
Personal Precautions:		: Use personal protection recommended in Section 8. Wet floors will be very slippery.		
Environmental Precautions:		: Avoid release to the environment.		
		: Dike and contain spill.		
Containment and Cleaning Up:		: Wash small spills to sanitary sewer. Absorb with inert material, and then		
Methods for Containment: Methods for Cleaning Up:		place in suitable container for disposal.		
7. Handling and Storage:				
Handling:		: Keep from freezing. Keep out of reach of children.		
Storage:		: Normal care for storage.		
8. Exposure Controls/Personal Protection:				
Exposure Limits:				
Chemical Name		ACGIH TLV		OSHA PEL
		TWA	STEL	TWA STEL
2-butoxyethanol		20 ppm	N/Av	50 ppm (skin) N/Av
Ethoxylated Alcohol		N/Av	N/Av	N/Av N/Av
Exposure Controls:				
Ventilation and engineering measures		: Ventilate to maintain vapor levels below exposure limits.		
Eye protection		Approved Safety Goggles or Glasses.		
Skin protection:		: Impervious gloves must be worn when using this material.		
Respiratory protection:		: Not required when ventilation is sufficient to maintain vapor level below listed TVL.		
		Advice should be sought from respiratory protection specialist if needed and NIOSH/MSHA approved equipment used if needed.		
9. Physical and Chemical Properties:				
Physical State:		: Liquid	pH:	: 11.00
Appearance:			Specific Gravity	: (H2O) =1): 1.036
Odor:		: Blue slight butyl odor	Flammability:	: None
Solubility:		: Complete in Water	Flash Point:	: None
Evaporation Rate:		: NA	Boiling Point:	: >212F (100C)
Vapor Pressure (MM HG):		: NA	%volatile	: 60 – 100%
Vapor Density (Air = 1):		: < 1		
10. Stability and Reactivity:				
Chemical Stability:		: Stable		
Possibility of Hazardous Reaction:		: None are known		
Incompatibility (Materials to Avoid):		: Strong Oxidizing Agents		
Hazardous Decomposition or By-products:		: None		
Hazardous Polymerization:		: Will not occur		
Conditions to Avoid:		: None are known		
11. Toxicological Information:				
Signs and Symptoms of Overexposure:		: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.		
Acute Effects:				
Eye Contact		: Severe Eye damage can result from direct contact.		
Skin Contact:		: Pain, redness, blistering and possible chemical burn.		
Inhalation:		: Inhaling mist from spray may cause nose and throat irritation.		
Chronic Effects:		: None Known		
Acute Toxicity Effects:		: Irritant effects on eyes, skin, mucous membranes'.		
Carcinogenic:		: No reportable ACGIH, IARC, NTP, or OSHA Carcinogens.		

Safety Data Sheets (SDS) Pro360 Citrus Cleaner

Ingestion : Harmful if swallowed
Target Organ Effects: : None known.

Mutagenicity: : Not expected to be a mutagenic in humans
Reproductive effects: : Not classifiable as a reproductive toxin.

<u>Chemical name</u>	LC₅₀(4hr)	LD₅₀	
	(Inhalation, Rat)	(Oral, Rat)	(Rabbit, Dermal)
2-butoxyethanol	450 ppm (2.175mg/L)	530 mg/kg	400 – 500 mg/kg
Ethoxylated Alcohol	1.15mg/L	960-3980mg/kg	>2000-2991mg/kg

12. Ecological Information:

Bioaccumulation: : Components in this product are not expected to bioaccumulate
Persistence and degradability: : Product is expected to readily biodegrade over time.
Mobility: : Nonylphenol, ethoxylate absorbs to soil and have low mobility. The remaining components are water soluble and mobile in soil.

Ecotoxicity data:

		Toxicity to Fish	Toxicity to Daphnia	Toxicity to Algae
Chemical name	CAS No.	LC50/96h	EC50/48th	EC50/96h or 72h
2-butoxyethanol	111-76-2	1490 mg/L (Bluegill sunfish)	835 mg/L (Daphnia magna)	911 mg/L/72hr (Green algae)
Ethoxylated Alcohol	68439-46-3	1490mg/L (Fathead minnow)	9.3-21.4mg/L (Water flea)	12mg/L (Green algae)
Sodium Hydroxide	1310-73-2	125mg/L (Mosquito fish)	40 mg/L (Water flea)	N/Av

13. Disposal Consideration:

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be disposed of in a sanitary sewer depending on the materials and /or contaminants being cleaned as well as local, state and federal sewer regulations.

14. Transportation

Information: : NA
UN Number: : NA
Shipping Name: : Not a DOT regulated material
Transport Hazard Class: : NA
Packing Group: : This product contains < 5% Nonylphenol Ethoxylate
Marine Pollutant:

15. Regulatory Information:

TSCA Status: : All Ingredient listed
Clean Water Act: : Glycol Ethers (2-Butoxy Ethanol (111-76-2) is listed as a hazardous air pollution (HAP)
: None listed
Clean Air Act: : None listed
CERCLA Reportable Quantity: : Glycol Ethers (2-Butoxy Ethanol (111-76-2) – Acute Health Hazard
SARA Title III Information: : None listed

Section 302 Extremely Hazardous Chemicals:

Section 311/312 Hazard Category:
Section 313 Toxic Chemicals:

16. Other Information:**Prepared By:**

Blue Wolf Sales and Service
219 Industrial Park Drive
Bluefield, Virginia 24605
Telephone Number: 855-803-1417
Revision Date: March 8, 2016

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HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0