

# Blue Wolf Hand Cleaner

## Safety Data Sheet

### SECTION 1: Identification

#### 1.1. Identification

Product name : Blue Wolf Hand Cleaner

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Cleaning

#### 1.3. Details of the supplier of the safety data sheet

Blue Wolf Sales and Service  
219 Industrial Park Road  
Bluefield, Virginia 24605

#### 1.4. Emergency telephone number

Emergency number  
CHEMTREC (USA) : (800) 424-9300  
Customer Service: Blue Wolf Sales and Service : (855) 803-1417

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Not classified

#### 2.2. Label elements

##### GHS-US labeling

No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
1-Hexene, polymer with ethene	(CAS No) 25213-02-9	Trade Secret	Not classified
Water	(CAS No) 7732-18-5	Trade Secret	Not classified
Poly(oxy-1,2-ethanediy), .alpha.-(4-nonylphenyl)-.omega.hydroxy-, branched	(CAS No) 127087-87-0	Trade Secret	Not classified
Benzenesulfonic acid, C10-16-alkyl derivatives	(CAS No) 68584-22-5	Trade Secret	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311
Triethanolamine	(CAS No) 102-71-6	Trade Secret	Not classified

Full text of H statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : None needed. First-aid measures after skin contact : None needed.

First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. First-aid measures after ingestion : Get immediate medical attention or advice.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : None expected under normal product handling conditions.

Symptoms/injuries after skin contact : My cause dryness and irritation from excessive contact.

Symptoms/injuries after eye contact : May cause irritation from accidental exposure.

Symptoms/injuries after ingestion : Not an expected route of exposure under normal product handling conditions. May cause gastrointestinal harm if swallowed.

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### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Unsuitable extinguishing media : None.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : None known. Explosion hazard : None known.

### 5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : No special containment procedures necessary.

Methods for cleaning up : Mop up and flush area with plenty of water, spill area will become slippery.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : No special handling required.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage needed.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0)		
Not applicable		
Triethanolamine (102-71-6)		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Not applicable		
Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)		
Not applicable		
Water (7732-18-5)		
Not applicable		
1-Hexene, polymer with ethene (25213-02-9)		
Not applicable		

### 8.2 exposure controls

Appropriate engineering controls : General (mechanical) room ventilation is expected to be satisfactory for normal handling.

Hand protection : None required under normal product handling conditions.

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Eye protection	: Use eye protection to minimize exposure.
Skin and body protection	: None required under normal product handling conditions.
Respiratory protection	: None required under normal product handling conditions.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste.
Color	: Green
Odor	: Floral
Odor threshold	: No data available
pH	: 7.0
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100 °C (212 °F)
Flash point	: 232 °C (450 °F)
Relative evaporation rate (butyl acetate=1)	: < 0.1
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 0.75
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Will not occur.

#### 10.4. Conditions to avoid

None

#### 10.5. Conditions to avoid

None known.

#### 10.6. Hazardous decomposition products

Thermal decomposition in presence of air may yield CO<sub>2</sub>, CO.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

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Acute toxicity : Not classified

### **Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0)**

LD50 oral rat 1310 mg/kg

### **Triethanolamine (102-71-6)**

LD50 oral rat 4190 mg/kg

LD50 dermal rabbit > 20 ml/kg

ATE US (oral) 4190.000 mg/kg

### **Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)**

LD50 oral rat 530 mg/kg

LD50 dermal rat 530 mg/kg

ATE US (oral) 530.000 mg/kg body weight

ATE US (dermal) 530.000 mg/kg body weight

### **Water (7732-18-5)**

LD50 oral rat > 90 ml/kg

: Not classified

Skin corrosion/irritation

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

### **Triethanolamine (102-71-6)**

IARC group 3 - Not classifiable

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated) : Not classified exposure)

Aspiration hazard : Not classified

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **Triethanolamine (102-71-6)**

LC50 fish 1 10600 - 13000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

LC50 fish 2 > 1000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

#### **Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)**

LC50 fish 1 3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

EC50 Daphnia 1 2.9 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### **12.2. Persistence and degradability**

No additional information available

### **12.3. Bioaccumulative potential**

#### **Triethanolamine (102-71-6)**

BCF fish 1 < 3.9

Log Pow -2.53

#### **Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)**

Log Pow 2 (at 23 °C)

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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### **Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **Triethanolamine (102-71-6)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **Water (7732-18-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **1-Hexene, polymer with ethene (25213-02-9)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. US State regulations

#### **Triethanolamine (102-71-6)**

U.S. - Massachusetts - Right To Know List  
U.S. - Minnesota - Hazardous Substance List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
H302	Harmful if swallowed
H311	Toxic in contact with skin
H372	Causes damage to organs through prolonged or repeated exposure

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*