



## BUG REMOVER Alaska Formula

### 1 Identification

#### GHS Product Identifier

**BUG REMOVER Alaska Formula**

#### Other means of identification

Item Numbers: 19-104, 19-105, 19-108

#### Recommended use of the chemical and restriction on use

Bug Remover for automotive detailing

#### Supplier's details

Mark V Products 400 El Sobrante Road Corona, CA 92879 (800) 877-6282 [www.mark-v.com](http://www.mark-v.com)

#### Emergency phone number

Chemtrec (800) 424-9300

### 2 Hazard(s) identification

#### Classification of the substance or mixture

Skin irritation — category 3

Eye irritation — category 2b.

#### GHS label elements

Warning



Hazard statement(s)

H303 May be harmful if swallowed

H305 May be harmful if swallowed and enters airways

H317 May cause an allergic skin reaction

Precautionary statement(s)

General

P102 Keep out of reach of children.

P103 Read label before use.

Prevention

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

## Response

P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+P340	IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	IF eye irritation persists: Get medical advice/attention.

**3 Composition/information on ingredients**

Description	CAS Number	EINECS Number	%	Note
Sodium Silicate	6834-92-0		1 - 5	
Ammonia	7664-41-7		0.05 - 0.5	
2-Butoxyethanol	111-76-2		1 - 5	

**4 First-aid measures****Description of necessary first-aid measures**

<b>Inhalation:</b>	Move victim to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.
<b>Skin:</b>	Rinse with water. Remove contaminated clothing and wash before re-use. If irritation persists, seek medical attention.
<b>Eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing with water. Seek medical attention if irritation develops and persists.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth with water. Give two glasses of water or milk. Get immediate medical attention.

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

Product may cause drying of skin. Wear nitrile or rubber gloves when using product.

**Indication of immediate medical attention and special treatment needed, if necessary**

All treatments should be based on observed signs and symptoms of distress in the patient.

**5 Fire-fighting measures****Suitable extinguishing media**

CO<sub>2</sub>, dry chemical, foam, water fog, water spray

**Specific hazards arising from the chemical**

Unusual Fire and Explosion

Hazards None

Hazardous Combustion

Products Combustion may produce Carbon Monoxide, CO<sub>2</sub>, and potentially irritating fumes.

**Special protective actions for fire-fighters**

Wear approved SCBA with full facepiece operated in positive pressure demand mode.

Hazardous polymerization is not expected to occur.

Avoid contact with strong oxidizing agents and strong acids.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For large spills (500 gallons or more) wear appropriate protective equipment including rubber boots, gloves, goggles and apron.

### Environmental precautions

Avoid run off to waterways and storm drains

### Methods and materials for containment and cleaning up

Stop leak, if you can do it without risk. Dike ahead of spill. Absorb and transfer to containers.

## 7 Handling and storage

### Precautions for safe handling

Product is slippery. If product is spilled on floor, clean area to prevent slipping.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry place. Keep away from oxidizers and strong acids.

## 8 Exposure controls/personal protection

### Control parameters

None needed when used as directed.

### Individual protection measures

Safety goggles & nitrile gloves

## 9 Physical and chemical properties

### Physical and chemical properties

<b>Physical Form:</b>	Liquid	<b>Appearance:</b>	Clear amber liquid
<b>Color:</b>	Amber	<b>Odor:</b>	Ammonia
<b>Taste:</b>	Data Lacking	<b>SG:</b>	1.09 - 1.10
<b>pH:</b>	11.5 - 12.5	<b>VOC</b>	< 5 grams/liter
<b>Water Solubility:</b>	100%		

## 10 Stability and reactivity

### Reactivity

No dangerous reactions known under conditions of normal use.

### Chemical stability

Stable under normal temperatures and pressures.

### Possibility of hazardous reactions

Hazardous polymerization is not expected to occur.

### Conditions to avoid

High temperatures & freezing temperatures.

### Incompatible materials

Oxidizing agents & strong acids.

### Hazardous decomposition products

Combustion may produce Carbon Monoxide, CO<sub>2</sub> and potentially irritating fumes.

## 11 Toxicological information

### Toxicological (health) effects

Sodium Metasilicate	CAS # 6834-92-0	LD50 - Oral: 847 mg / kg
Ammonium Hydroxide	CAS # 1336-21-6	LD50 - Oral, rat: >90 mL/kg;
2-butoxyethanol	CAS# 111-76-2	LD50 - Oral Guinea pig 1,400 mg/kg LD50 - Rat, male 1,746 mg/kg LD50 - Rat 2,270 mg/kg LC50, 7 h, Vapor - Ra 700 ppm
	Skin Absorption	
	Inhalation	

### Information on the likely routes of exposure

**Exposure Routes:** Inhalation, Skin Contact, Eye Contact, Ingestion

**Eye Contact:** May cause mild eye irritation. Symptoms including stinging, tearing and redness.

**Skin Contact:** May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin.

**Ingestion:** May be harmful if swallowed. Can cause gastrointestinal irritationnausea, vomiting & diarrhea.

**Inhalation:** Excessive inhalation of vapors can cause nasal and respiratory irritation.

## 12 Ecological information

### Toxicity

**2-butoxyethanol:** Toxicity to fish LC50-Lepomis macrochirus (Bluegill)-1,490 mg/l - 96 h  
Toxicity to daphnia and other aquatic invertebrates

**Ammonia:** 4 Hr LC50 rainbow trout: 0.008 mg/L, 96 Hr LC50 fathead minnow: 8.2 mg/L 48 Hr LC50.  
Very toxic to aquatic life

## 13 Disposal considerations

### Disposal methods

Dispose of according to local, state and federal regulations.

## 14 Transport information

### Ground

Un Number: **Not Regulated**

Class:

Packing group:

Proper shipping name:

### Ocean

Un Number: **Not Regulated**

Class:

Packing group:

Proper shipping name:

**Air**Un Number: **Not Regulated**

Class:

Packing group:

Proper shipping name:

**15 Regulatory information****Safety, health and environmental regulations specific for the product in question**

This product is not subject to reporting requirements for SARA 313, SARA 311/312, Clean Water Act, and CERCLA.

**California Prop. 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

**16 Other information****Other information**

Dated: January, 2022

WARNING: The information contained in this SDS is based on the data available from sources we believe to be reliable. No warranty or guaranty, expressed or implied, is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe: Read this safety information and forward it to all persons who may be exposed to this product.

**17 Exposure scenarios**