

STONE SOAP CO., INC

Safety Data Sheet Bug X Liquid Insect Remover

SECTION 1: Identification

1.1 Product identifier

Product name	Bug X Liquid Insect Remover
Product number	AW-910, 911, 912, 915
Brand	Stone Soap
Substance name	Automotive Shampoo Detergent

1.4 Supplier's details

Name	Stone Soap Co., Inc
Address	2000 Pontiac Dr. Sylvan Lake, MI 48320 US
Telephone	248-706-1000
Fax	248-706-1001
email	sales@stonesoap.com

1.5 Emergency phone number(s)

Chemtrec 1-800-424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 3
- Acute toxicity, dermal (chapter 3.1), Cat. 3
- Acute toxicity, oral (chapter 3.1), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H319
H302+H332
H315+H320

Causes serious eye irritation
Harmful if swallowed or if inhaled
Causes skin and eye irritation

Precautionary statement(s)

P280

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

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P305+P351+P338

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

P337+P313

If eye irritation persists: Get medical advice/attention.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P312

Call a POISON CENTER/doctor/... if you feel unwell.

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

2.3 Other hazards which do not result in classification

Causes mild skin irritation

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance name Automotive Shampoo Detergent

Hazardous components

1. WATER

Concentration 65 - 72 % (Weight)

Other names / synonyms

WATER

CAS no.

7732-18-5

2. ETHYLENE GLYCOL MONOBUTYL ETHER

Concentration 10 - 15 %

Other names / synonyms

2-butoxyethanol; BUTOXYETHANOL; BUTYL CELLOSOLVE; Ethanol, 2-butoxy-; ethylene glycol monobutyl ether

EC no.

203-905-0

CAS no.

111-76-2

Index no.

603-014-00-0

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H302

Harmful if swallowed

H312

Harmful in contact with skin

H315

Causes skin irritation

H319

Causes serious eye irritation

H332

Harmful if inhaled

3. TRIETHANOLAMINE

Concentration

5 - 9 %

Other names / synonyms

TRIAETHANOLAMIN-NG; TRIETHANOLAMIN; TRIETHANOLAMINE; TRIETHYLOLAMINE; TRIHYDROXYTRIETHYL AMINE;

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CAS no. 102-71-6

4. Proprietary amphoteric surfactant blend

Concentration 4 - 7 %

Other names / synonyms Proprietary amphoteric surfactant blend

- Acute toxicity, oral (chapter 3.1), Cat. 5
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 3

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H400 Very toxic to aquatic life

5. Ethyl Alcohol 70%

Concentration 4 - 7 %

Other names / synonyms Denatured Alcohol; Ethanol; ethyl alcohol
EC no. 200-578-6
CAS no. 64-17-5
Index no. 603-002-00-5

- Flammable liquids (chapter 2.6), Cat. 2

H225 Highly flammable liquid and vapor

Trade secret statement (OSHA 1910.1200(i))

If Chemical Name/CAS number is "proprietary" and/or weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration may be necessary. Seek medical attention-if required.
In case of skin contact	Wash with large quantity of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs, seek medical attention.
In case of eye contact	Rinse immediately with cool running water, including under eyelids for at least 15 minutes. Remove contact lenses, if present, after five minutes. continue rinsing eyes. If irritation continues, seek medical attention.
If swallowed	DO NOT induce vomiting. Drink one or two glasses of water. Seek medical attention immediately.

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4.2 Most important symptoms/effects, acute and delayed

Direct contact may cause skin or eye irritation. May cause irritation to gastric/intestinal mucosa.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

None

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle according to accepted industrial hygiene and safety practice. Use personal protective equipment (see section 8). Follow all label directions.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from excessive heat or incompatible materials, oxidizers and reducing agents.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 50 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 240 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 20 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

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4. 2-Butoxyethanol (CAS: 111-76-2)

REL (Inhalation): 5 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Use in well ventilated area. Eyewash and emergency showers should be available.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

None required

Thermal hazards

None

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Blue liquid
Odor	Omdostinct
Odor threshold	Not determined
pH	8.5-9.5
Melting point/freezing point	> 32F
Initial boiling point and boiling range	> 212F
Flash point	> 212F
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper/lower flammability limits	N/A
Upper/lower explosive limits	N/A
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	1.01
Solubility(ies)	100% in water
Partition coefficient: n-octanol/water	Not determined

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Auto-ignition temperature	N/A
Decomposition temperature	N/A
Viscosity	20 cst
Explosive properties	None
Oxidizing properties	None

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal storage conditions.

10.2 Chemical stability

Stable under normal storage conditions

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

Excessive heat

10.5 Incompatible materials

Strong oxidizers and reducing agents

10.6 Hazardous decomposition products

Carbon dioxide (CO₂). Carbon monoxide. Oxides of nitrogen. Hydrocarbons.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

TRIETHANOLAMINE

LD50 Oral - Rat - 7200 mg/l

Ethyl Alcohol 70%

LD50 - 7060 mg/kg

LC50 - 25 mg/l

ETHYLENE GLYCOL MONOBUTYL ETHER

LD50 Skin - Guinea pig - >2000 mg/kg

LD50 Oral - Rat - 1300 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes moderate to severe eye irritation.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No specific data

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Carcinogenicity

No known significant effects or critical hazards.

Reproductive toxicity

No known significant effects or critical hazards.

Summary of evaluation of the CMR properties

No known significant effects or critical hazards.

STOT-single exposure

No known significant effects or critical hazards.

STOT-repeated exposure

No known significant effects or critical hazards.

Aspiration hazard

No known significant effects or critical hazards.

SECTION 12: Ecological information

Toxicity

TRIETHANOLAMINE

LC50 - lepomis macrochirus - 450-1000 mg/l - 96 h

Ethyl Alcohol 70%

Result: No data available

ETHYLENE GLYCOL MONOBUTYL ETHER

LC50 - Oncorhynchus mykiss (rainbow trout) - 1474 mg/kg - 96h

EC50 - Daphnia magna (water flea) - 1550 mg/l - 48h

Result: Ethylene glycol monobutyl ether CAS 111-76-2

Partition coefficient: n-octanol/water: log Pow 0.83

Persistence and degradability

ETHYLENE GLYCOL MONOBUTYL ETHER

Biodegradability:aerobic.

Inoculum: activated sludge.

Result: Readily biodegradable

Biodegradation: 90.4%

Exposure time: 28 days

OECD Test Guideline 301B

Bioaccumulative potential

ETHYLENE GLYCOL MONOBUTYL ETHER

Result: Ethylene glycol monobutyl ether CAS 111-76-2

Partition coefficient: n-octanol/water: log Po

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

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Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

The generation of waste should be avoided or minimized whenever possible. Disposal of this product, solutions and any by-products should at all time comply with the requirements of environmental protection and waste disposal legislation and any regional or local requirements.

Disposal of contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

DOT (US)

UN Number: Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

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

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SECTION 16: Other information

Effective 4/10/15

16.1 Further information/disclaimer

The statements on this SDS are believed to be true and accurate, but because conditions are beyond our control, Stone Soap Co., Inc. does not make, nor does it authorize any agent or representative to make any oral or written warranty, guarantee or representation, expressed or implied, concerning this material or the use thereof beyond the

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statements on the label. Stone Soap Co., Inc. and the seller disclaim liability for, and expect the buyer to assume all risk for any claim or personal injury or property damage or loss resulting from handling, storage or use of this material not in accordance with the written directions. No other warranty exists.

16.2 Preparation information

Generated by
Stone Soap Co., Inc.
2000 Pontiac Dr.
Sylvan Lake, MI 48320