



## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 1: IDENTIFICATION

- 1.1 Product identifier:** CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover
- Other means of identification:**  
Non-applicable
- 1.2 Recommended use of the chemical and restrictions on use:**  
Relevant uses (Consumer use): Chemical cleaning products  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party:**  
Chemical Guys  
3501 Sepulveda Blvd  
90505 Torrance - California - United States  
Phone: 866-822-3670 - Fax: 310-988-1061  
info@ChemicalGuys.com  
www.ChemicalGuys.com
- 1.4 Emergency phone number:** INFOTRAC Acct. #116262  
US: 1-800-535-5053 International: +1-352-323-3500

### SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**29 CFR 1910.1200:**  
Classification of the chemical in accordance with paragraph (d)(1)(i) of §1910.1200  
Aerosol 2: Aerosols , Category 2, H223  
Aerosol 2: Pressurised container: May burst if heated., H229
- 2.2 Label elements:**  
**29 CFR 1910.1200:**  
**Warning**
- 
- Hazard statements:**  
Aerosol 2: H223 - Flammable aerosol.  
Aerosol 2: H229 - Pressurised container: May burst if heated.
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211: Do not spray on an open flame or other ignition source.  
P251: Do not pierce or burn, even after use.  
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.  
P501: Dispose of the contents/containers according to the local, state and federal regulations.
- Additional labeling:**  
FEDERAL HAZARDOUS SUBSTANCES ACT REGULATIONS (§1500.130 Self-pressurized containers: labeling):  
Warning—Flammable Aerosol. Contents under pressure. May burst if heated.  
Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not spray on open flame or other ignition source. Do not pierce or burn. Protect from sunlight. Do not expose to heat or store at temperatures above 120°F. To be used only in the open or in well-ventilated areas. Wash hands thoroughly after use.
- 2.3 Hazards not otherwise classified (HNOC):**  
Non-applicable

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances:

Non-applicable

#### 3.2 Mixtures:

**Chemical description:** Aqueous mixture composed of additives

##### Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

| Identification | Chemical name/Classification                                                                                                            | Concentration |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|
| CAS: 111-76-2  | <b>2-butoxyethanol</b><br>Acute Tox. 3: H331; Acute Tox. 4: H302; Eye Irrit. 2A: H319; Flam. Liq. 4: H227; Skin Irrit. 2: H315 - Danger | 1 - <5%       |
| CAS: 74-98-6   | <b>Propane</b><br>Flam. Gas 1A: H220; Press. Gas: H280 - Danger                                                                         | 1 - <5%       |
| CAS: 106-97-8  | <b>Butane</b><br>Flam. Gas 1A: H220; Press. Gas: H280 - Danger                                                                          | 1 - <5%       |
| CAS: 7632-00-0 | <b>sodium nitrite</b><br>Acute Tox. 3: H301; Eye Irrit. 2A: H319; Ox. Sol. 2: H272 - Danger                                             | <1%           |

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

### SECTION 4: FIRST-AID MEASURES

#### 4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

##### By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

##### By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or shower the person affected if necessary thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

##### By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

##### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

#### 4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Non-applicable

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 Suitable (and unsuitable) extinguishing media:

##### Suitable extinguishing media:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

##### Unsuitable extinguishing media:

Water jet

#### 5.2 Specific hazards arising from the chemical:

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 5: FIRE-FIGHTING MEASURES (continued)

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

#### 5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

##### Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

##### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

##### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

#### 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

#### 6.3 Methods and materials for containment and cleaning up:

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

##### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

##### B.- Technical recommendations for the prevention of fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

##### C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

##### D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

##### A.- Specific storage requirements

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 7: HANDLING AND STORAGE (continued)

Minimum Temp.: 41 °F  
Maximum Temp.: 86 °F  
Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

#### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

Substances whose occupational exposure limits have to be assessed in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

| Identification                                  | Occupational exposure limits |          |                        |
|-------------------------------------------------|------------------------------|----------|------------------------|
| 2-butoxyethanol <sup>(1)</sup><br>CAS: 111-76-2 | 8-hour TWA PEL               | 50 ppm   | 240 mg/m <sup>3</sup>  |
|                                                 | Ceiling Values - TWA PEL     |          |                        |
| Propane<br>CAS: 74-98-6                         | 8-hour TWA PEL               | 1000 ppm | 1800 mg/m <sup>3</sup> |
|                                                 | Ceiling Values - TWA PEL     |          |                        |

US. ACGIH Threshold Limit Values (2022):

| Identification                                  | Occupational exposure limits |          |  |
|-------------------------------------------------|------------------------------|----------|--|
| 2-butoxyethanol <sup>(1)</sup><br>CAS: 111-76-2 | TLV-TWA                      | 20 ppm   |  |
|                                                 | TLV-STEL                     |          |  |
| Butane<br>CAS: 106-97-8                         | TLV-TWA                      |          |  |
|                                                 | TLV-STEL                     | 1000 ppm |  |

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

| Identification                                  | Occupational exposure limits |          |                        |
|-------------------------------------------------|------------------------------|----------|------------------------|
| 2-butoxyethanol <sup>(1)</sup><br>CAS: 111-76-2 | PEL                          | 20 ppm   | 97 mg/m <sup>3</sup>   |
|                                                 | STEL                         |          |                        |
| Propane<br>CAS: 74-98-6                         | PEL                          | 1000 ppm | 1800 mg/m <sup>3</sup> |
|                                                 | STEL                         |          |                        |
| Butane<br>CAS: 106-97-8                         | PEL                          | 800 ppm  | 1900 mg/m <sup>3</sup> |
|                                                 | STEL                         |          |                        |

NIOSH: Immediately Dangerous To Life or Health (IDLH) Values:

| Identification                                  | Occupational exposure limits |          |  |
|-------------------------------------------------|------------------------------|----------|--|
| 2-butoxyethanol <sup>(1)</sup><br>CAS: 111-76-2 | TWA                          |          |  |
|                                                 | IDLH Value                   | 700 ppm  |  |
| Propane<br>CAS: 74-98-6                         | TWA                          |          |  |
|                                                 | IDLH Value                   | 2100 ppm |  |

<sup>(1)</sup> Skin

#### Biological limit values:

Biological Exposure Indices (BEIs®) - ACGIH

| Identification                   | BEIs®                 | Determinant                         | Sampling Time |
|----------------------------------|-----------------------|-------------------------------------|---------------|
| 2-butoxyethanol<br>CAS: 111-76-2 | 200 mg/g (Creatinine) | Butoxyacetic acid (BAA)<br>in urine | End of shift  |

#### 8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

#### B.- Respiratory protection

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

#### C.- Specific protection for the hands

Non-applicable

#### D.- Eye and face protection

Non-applicable

#### E.- Bodily protection

Non-applicable

#### F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

It is not necessary to take additional emergency measures.

#### Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

##### Appearance:

|                          |                  |
|--------------------------|------------------|
| Physical state at 68 °F: | Aerosol          |
| Appearance:              | Non-applicable * |
| Color:                   | Colorless        |
| Odor:                    | Non-applicable * |
| Odour threshold:         | Non-applicable * |

##### Volatility:

|                                        |                      |
|----------------------------------------|----------------------|
| Boiling point at atmospheric pressure: | -44 °F (Propellant)  |
| Vapour pressure at 68 °F:              | Non-applicable *     |
| Vapour pressure at 122 °F:             | <300000 Pa (300 kPa) |
| Evaporation rate at 68 °F:             | Non-applicable *     |

##### Product description:

|                                              |                  |
|----------------------------------------------|------------------|
| Density at 68 °F:                            | Non-applicable * |
| Relative density at 68 °F:                   | Non-applicable * |
| Dynamic viscosity at 68 °F:                  | Non-applicable * |
| Kinematic viscosity at 68 °F:                | Non-applicable * |
| Kinematic viscosity at 104 °F:               | Non-applicable * |
| Concentration:                               | Non-applicable * |
| pH:                                          | Non-applicable * |
| Vapour density at 68 °F:                     | Non-applicable * |
| Partition coefficient n-octanol/water 68 °F: | Non-applicable * |

\*Non-applicable due to the nature of the product, not providing information property of its hazards.

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

|                                  |                     |
|----------------------------------|---------------------|
| Solubility in water at 68 °F:    | Non-applicable *    |
| Solubility properties:           | Non-applicable *    |
| Decomposition temperature:       | Non-applicable *    |
| Melting point/freezing point:    | Non-applicable *    |
| Recipient pressure:              | Non-applicable *    |
| <b>Flammability:</b>             |                     |
| Flash Point:                     | Non-applicable *    |
| Flammability (solid, gas):       | Non-applicable *    |
| Autoignition temperature:        | 770 °F (Propellant) |
| Lower flammability limit:        | Non-applicable *    |
| Upper flammability limit:        | Non-applicable *    |
| <b>Particle characteristics:</b> |                     |
| Median equivalent diameter:      | Non-applicable *    |

#### 9.2 Other information:

##### Information with regard to physical hazard classes:

|                                                              |                  |
|--------------------------------------------------------------|------------------|
| Explosive properties:                                        | Non-applicable * |
| Oxidising properties:                                        | Non-applicable * |
| Corrosive to metals:                                         | Non-applicable * |
| Heat of combustion:                                          | Non-applicable * |
| Aerosols-total percentage (by mass) of flammable components: | Non-applicable * |

##### Other safety characteristics:

|                           |                  |
|---------------------------|------------------|
| Surface tension at 68 °F: | Non-applicable * |
| Refraction index:         | Non-applicable * |

\*Non-applicable due to the nature of the product, not providing information property of its hazards.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

#### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight            | Humidity       |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Precaution         | Precaution       | Risk of combustion      | Avoid direct impact | Not applicable |

#### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Precaution            | Avoid alkalis or strong bases |

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 11: TOXICOLOGICAL INFORMATION (continued)

#### 11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

#### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

##### A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

##### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

##### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: 2-butoxyethanol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### **Other information:**

Non-applicable

#### **Specific toxicology information on the substances:**

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 11: TOXICOLOGICAL INFORMATION (continued)

| Identification                   | Acute toxicity         |            | Genus |
|----------------------------------|------------------------|------------|-------|
| 2-butoxyethanol<br>CAS: 111-76-2 | LD50 oral              | 1200 mg/kg | Rat   |
|                                  | LD50 dermal            |            |       |
|                                  | LC50 inhalation vapour | 3 mg/L     |       |
| sodium nitrite<br>CAS: 7632-00-0 | LD50 oral              | 180 mg/kg  | Rat   |
|                                  | LD50 dermal            |            |       |
|                                  | LC50 inhalation dust   |            |       |

Only the physical form mist can occur during any reasonably expected use of the product, including when the product is used to produce a new product.

### SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### 12.1 Ecotoxicity (aquatic and terrestrial, where available):

##### Acute toxicity:

| Identification                   | Concentration |                  | Species                         | Genus      |
|----------------------------------|---------------|------------------|---------------------------------|------------|
| 2-butoxyethanol<br>CAS: 111-76-2 | LC50          | 1490 mg/L (96 h) | Lepomis macrochirus             | Fish       |
|                                  | EC50          | 1815 mg/L (48 h) | Daphnia magna                   | Crustacean |
|                                  | EC50          | 911 mg/L (72 h)  | Pseudokirchneriella subcapitata | Algae      |
| sodium nitrite<br>CAS: 7632-00-0 | LC50          | 0.54 mg/L (96 h) | Oncorhynchus mykiss             | Fish       |
|                                  | EC50          | 15.4 mg/L (48 h) | Daphnia magna                   | Crustacean |
|                                  | EC50          | 110 mg/L (72 h)  | Desmodesmus subspicatus         | Algae      |

##### Chronic toxicity:

| Identification                   | Concentration |           | Species         | Genus      |
|----------------------------------|---------------|-----------|-----------------|------------|
| 2-butoxyethanol<br>CAS: 111-76-2 | NOEC          | 100 mg/L  | Danio rerio     | Fish       |
|                                  | NOEC          | 100 mg/L  | Daphnia magna   | Crustacean |
| sodium nitrite<br>CAS: 7632-00-0 | NOEC          | 21 mg/L   | Cyprinus carpio | Fish       |
|                                  | NOEC          | 9.86 mg/L | Penaeus monodon | Crustacean |

#### 12.2 Persistence and degradability:

##### Substance-specific information:

| Identification                   | Degradability |             | Biodegradability |          |
|----------------------------------|---------------|-------------|------------------|----------|
| 2-butoxyethanol<br>CAS: 111-76-2 | BOD5          | 0.71 g O2/g | Concentration    | 100 mg/L |
|                                  | COD           | 2.2 g O2/g  | Period           | 14 days  |
|                                  | BOD5/COD      | 0.32        | % Biodegradable  | 96 %     |

#### 12.3 Bioaccumulative potential:

##### Substance-specific information:

| Identification                   | Bioaccumulation potential |          |
|----------------------------------|---------------------------|----------|
| 2-butoxyethanol<br>CAS: 111-76-2 | BCF                       | 3        |
|                                  | Pow Log                   | 0.83     |
|                                  | Potential                 | Low      |
| Propane<br>CAS: 74-98-6          | BCF                       | 13       |
|                                  | Pow Log                   | 2.86     |
|                                  | Potential                 | Low      |
| Butane<br>CAS: 106-97-8          | BCF                       | 33       |
|                                  | Pow Log                   | 2.89     |
|                                  | Potential                 | Moderate |

#### 12.4 Mobility in soil:

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification                   | Absorption/desorption |                      | Volatility |                                 |
|----------------------------------|-----------------------|----------------------|------------|---------------------------------|
| 2-butoxyethanol<br>CAS: 111-76-2 | Koc                   | 8                    | Henry      | 1.621E-1 Pa·m <sup>3</sup> /mol |
|                                  | Conclusion            | Very High            | Dry soil   | Non-applicable                  |
|                                  | Surface tension       | 2.729E-2 N/m (77 °F) | Moist soil | Yes                             |
| Propane<br>CAS: 74-98-6          | Koc                   | 460                  | Henry      | 71636.78 Pa·m <sup>3</sup> /mol |
|                                  | Conclusion            | Moderate             | Dry soil   | Yes                             |
|                                  | Surface tension       | 7.02E-3 N/m (77 °F)  | Moist soil | Yes                             |
| Butane<br>CAS: 106-97-8          | Koc                   | 900                  | Henry      | 96258.75 Pa·m <sup>3</sup> /mol |
|                                  | Conclusion            | Low                  | Dry soil   | Yes                             |
|                                  | Surface tension       | 1.187E-2 N/m (77 °F) | Moist soil | Yes                             |

#### 12.5 Results of PBT and vPvB assessment:

Non-applicable

#### 12.6 Other adverse effects:

Not described

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Disposal methods:

The next characteristic per RCRA could apply to the unused product if it becomes a waste material: Ignitability. The next EPA hazardous waste number could apply: D001.

Standards for universal waste management (Title 40 of the Code of Federal Regulations (CFR) in part 273) could apply to the unused Aerosol can if it becomes a waste material.

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste (Title 40 of the Code of Federal Regulations Part 261.4)

#### Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

#### Regulations related to waste management:

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

### SECTION 14: TRANSPORT INFORMATION

#### Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:



- 14.1 UN number:** UN1950  
**14.2 UN proper shipping name:** AEROSOLS  
**14.3 Transport hazard class(es):** 2  
Labels: 2.1  
**14.4 Packing group, if applicable:** N/A  
**14.5 Marine pollutant:** No

**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**

Physico-Chemical properties: see section 9

**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):**

#### Transport of dangerous goods by sea:

With regard to IMDG 42-24:

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 14: TRANSPORT INFORMATION (continued)



- 14.1 UN number:** UN1950  
**14.2 UN proper shipping name:** AEROSOLS  
**14.3 Transport hazard class(es):** 2  
Labels: 2.1  
**14.4 Packing group, if applicable:** N/A  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Special regulations: 63, 959, 190, 277, 327, 344  
EmS Codes: F-D, S-U  
Physico-Chemical properties: see section 9  
Limited quantities: 1 L  
Segregation group: Non-applicable  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

#### Transport of dangerous goods by air:

With regard to IATA/ICAO 2025:



- 14.1 UN number:** UN1950  
**14.2 UN proper shipping name:** AEROSOLS, flammable  
**14.3 Transport hazard class(es):** 2  
Labels: 2.1  
**14.4 Packing group, if applicable:** N/A  
**14.5 Marine pollutant:** No  
**14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises**  
Physico-Chemical properties: see section 9  
**14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

### SECTION 15: REGULATORY INFORMATION

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

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *2-butoxyethanol (111-76-2)* ; *Butane (106-97-8)* ; *Tetrasodium Pyrophosphate (7722-88-5)* ; *sodium nitrite (7632-00-0)* ; *Nonylphenol, ethoxylated (9016-45-9)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Non-applicable
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Non-applicable
- CANADA-Domestic Substances List (DSL): All components of this product comply with the inventory requirements administered by the governing country:
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *2-butoxyethanol (111-76-2)* - 1 lb ; *sodium nitrite (7632-00-0)* - 100 lb
- Hazardous Air Pollutants (Clean Air Act): *2-butoxyethanol (111-76-2)*
- The Toxic Substances Control Act (TSCA) : All components of this product comply with the inventory requirements administered by the governing country.
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *2-butoxyethanol (111-76-2)* ; *sodium nitrite (7632-00-0)* ; *Nonylphenol, ethoxylated (9016-45-9)*

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

#### Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

### SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

#### Texts of the legislative phrases mentioned in section 2:

H223: Flammable aerosol.

H229: Pressurised container: May burst if heated.

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### 29 CFR 1910.1200:

Acute Tox. 3: H301 - Toxic if swallowed.

Acute Tox. 3: H331 - Toxic if inhaled.

Acute Tox. 4: H302 - Harmful if swallowed.

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Flam. Gas 1A: H220 - Extremely flammable gas.

Flam. Liq. 4: H227 - Combustible liquid.

Ox. Sol. 2: H272 - May intensify fire, oxidiser.

Press. Gas: H280 - Contains gas under pressure, may explode if heated.

Skin Irrit. 2: H315 - Causes skin irritation.

#### Advice related to training:

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## CLDSPRAY101 - ClingShot Bug, Tar and Sap Remover

### SECTION 16: OTHER INFORMATION (continued)

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

**Principal bibliographical sources:**

Occupational Safety & Health Administration (OSHA).

**Abbreviations and acronyms:**

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

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Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET