1. PRODUCT AND COMPANY IDENTIFICATION

**GHS PRODUCT IDENTIFIER:**
TRADE NAME; GRAFFITI REMOVER SPRAYABLE GEL

**OTHER MEANS OF IDENTIFICATION:**

**RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**

**RECOMMENDED USE:** Graffiti and Specialty Coating Removal

**SUPPLIER’S DETAILS:**

![Bioesque Solutions Logo]

BIOESQUE SOLUTIONS
150 EAST PALMETTO PARK ROAD
SUITE 110
BOCA RATON, FLORIDA 33432
(800) 921-4634 www.bioesquesolutions.com

**24 Hour Emergency telephone number:**
INFOTRAC (800)535-5053

2. HAZARD IDENTIFICATION

**GHS CLASSIFICATION:**
GHS CLASSIFICATION SCALE: (1=SEVERE HAZARD, 4=SLIGHT HAZARD)

**PHYSICAL HAZARDS:**
Flammable Liquid Category 4

**HEALTH HAZARDS:**

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAL TOXICITY</td>
<td>CATEGORY 4</td>
</tr>
<tr>
<td>SERIOUS EYE DAMAGE/IRRITATION</td>
<td>CATEGORY 1</td>
</tr>
<tr>
<td>SKIN SENSITIZER</td>
<td>CATEGORY 1</td>
</tr>
<tr>
<td>ASPIRATION TOXICITY</td>
<td>CATEGORY 1</td>
</tr>
<tr>
<td>AQUATIC ENVIRONMENT</td>
<td>CATEGORY 2 acute</td>
</tr>
</tbody>
</table>

**LABEL ELEMENTS:**

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:**

- Combustible liquid
- Harmful if swallowed
- Causes serious eye damage
- Causes skin irritation
- May cause an allergic skin reaction
- May be fatal if swallowed and enters airways
- Toxic to aquatic life
HAZARD SYMBOLS:

PRECAUTIONARY STATEMENTS:
Keep out of reach of children
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid breathing mist, vapor, spray
Wear protective gloves/protective clothing/eye protection/face protection
Contaminated work clothing should not be allowed out of the workplace
Avoid release to the environment
Keep away from flames and hot surfaces. No smoking.

PRECAUTIONARY STATEMENTS (RESPONSE):
IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately call a doctor or physician.
IF SWALLOWED: Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor.
IN CASE OF FIRE: Use dry chemical, co2 or foam to extinguish

PRECAUTIONARY STATEMENTS (STORAGE)
Keep out of reach of children. Store locked up.
Store in a well ventilated place. Keep cool.

PRECAUTIONARY STATEMENTS (DISPOSAL):
Dispose of contents/container to an approved waste disposal plant in accordance with applicable local/regional/national and international regulations and product characteristics at time of disposal.

OTHER HAZARDS:
Repeated or prolonged exposure can cause skin dryness or cracking.

3. COMPOSITION INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NUMBER</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>dlimonene</td>
<td>5989-27-5</td>
<td>0-3</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>0-30</td>
</tr>
<tr>
<td>Soybean Methyl Esters</td>
<td>67784-80-9</td>
<td>20-50</td>
</tr>
<tr>
<td>Ethoxylated alcohol</td>
<td>127087-87-0</td>
<td>0-5</td>
</tr>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
<td>0-6</td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>34590-94-8</td>
<td>0-5</td>
</tr>
<tr>
<td>Dimethyl Succinate</td>
<td>106-65-0</td>
<td>0-2</td>
</tr>
<tr>
<td>Dimethyl Adipate</td>
<td>627-93-0</td>
<td>0-2</td>
</tr>
<tr>
<td>Proprietary Solvent</td>
<td>Proprietary</td>
<td>0-9</td>
</tr>
</tbody>
</table>

REMAINING INGREDIENTS ARE NOT REPORTABLE UNDER OSHA/SDS GUIDELINES. THE EXACT NAMES & PERCENTAGES OF SOME INGREDIENTS MAY HAVE BEEN WITHHELD AS (CBI) CONFIDENTIAL BUSINESS INFORMATION TRADE SECRET; HOWEVER ALL APPLICABLE FIRST AID/HEALTH INFORMATION HAS BEEN REPORTED ACCURATELY.

4. FIRST AID MEASURES

INGESTION: Avoid ingestion. If swallowed, wash out mouth with water. Drink water to dilute. (two glasses at most). Product contains aspiration hazard. Do not induce vomiting unless told to do so by a doctor or professional healthcare provider. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lung. Never give anything by mouth to an unconscious person. Call a Poison Control Center or doctor.
SKIN CONTACT: Use skin protection. Avoid skin contact. In case of accidental skin contact, remove contaminated clothing. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse. If irritation occurs get medical advice.

INHALATION: Avoid breathing this substance. If irritation occurs, move individual away from exposure and into fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

EYE CONTACT: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention/advice.

**Most Important Symptoms and Effects, Acute and Delayed**

**INGESTION:** Symptoms may include diarrhea, gastric pain, and vomiting.

**SKIN CONTACT:** Symptoms may include redness, dryness and cracking of skin.

**INHALATION:** Symptoms could include irritation of respiratory tract, nausea, headache, dizziness

**EYE CONTACT:** Symptoms may include stinging, tearing, redness and blurred vision.

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

Treat Symptomatically.

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### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, co2 or foam to extinguish.

**Unsuitable extinguishing media:** Flash point is 115°F, lowest component,

**Specific hazards arising from the chemical:** In a fire or if heated, a pressure increase can occur and the container may burst. An ingredient within this product (benzyl alcohol) could form explosive mixtures with air on intense heating.

**Hazardous thermal decomposition products:** carbon monoxide and CO2, possibly ammonia, irritating gases

**Special protective actions for fire-fighters:** Keep product containers and surrounding areas cool with water spray. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:** Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Avoid breathing mists. Put on appropriate personal protective equipment. Wear appropriate respirator when ventilation is inadequate.
For emergency responders: If specialized clothing is required to deal with the spillage, take note of information in section 8 for further information. See also information in non-emergency personnel above.

Environmental precautions: Avoid dispersal of spilled material with waterways, drains and sewers. See section 12 for additional ecological information.

Methods and materials for containment and cleaning up.

**Small spill:** Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry material such as diatomaceous earth or vermiculite and place in an appropriate waste disposal container. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

**Large spill:** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, drains, water courses and confined areas. Wash spillages into an effluent treatment plant or absorb with an inert dry material such as diatomaceous earth or vermiculite and place in a appropriate waste disposal containers. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

**Safe Handling Advice:** Utilize appropriate personal protective equipment when handling product. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mists. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container and tightly closed when not in use. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection during use. Emptied containers can contain product residues and require handling with all safety precautions in mind listed on this SDS. Do not reuse container and dispose of in accordance with federal, state and local regulations.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional hygiene information.

**Conditions for safe storage including any incompatibilities:**

Store in closed original container in a dry, cool and well ventilated area away from strong oxidizing agents (see section 10) and food and drink. Keep container tightly closed when not in use and away from light and store between 36°F and 77°F. Do not store in unlabeled containers. Keep away from children.
Control Parameters | Occupational Exposure Limits
--- | ---
**Ingredient Identity** | **ACGIH TLV** | **OSHA PEL** | **NIOSH IDLH**
Benzyl Alcohol 100-51-6 | TWA 10 PPM USA WEEL
Soybean Methyl 67784-80-9 vegetable oil mist | TVL10mg/m3 TWA15/mg/m3 totalmist TWA10mg/m3 totalmist
Esters | TWA5mg/m3 resinspirable fraction TWA5MG/M3 respiration mist
Polyethylene Glycol | 10mg/m3 | WEEL
Dipropylene Glycol 34590-94-8 | 600 mg/m3 100 ppm SKIN
monomethyl ether | TWA100 ppm SKIN | STEL150 ppm SKIN
Dlimonene/citrus terpenes | 8h TWA +30ppm (AIHA standard)

**Appropriate Engineering Controls**

**Engineering Controls:** Use only with adequate ventilation. General room ventilation is required. Local mechanical ventilation may be necessary if working with this product in enclosed areas and/or at elevated temperatures. Maintain adequate ventilation to ensure exposure levels are not exceeded. Avoid creating dust or mist. Do not use in closed or confined spaces without adequate Personal Protective Equipment.

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

**Eye/Face Protection:** Wear approved tightly sealed safety glasses. Wear additional eye protection such as chemical safety goggles and face shield when the possibility exists for eye or face contact with splashing or spraying liquid, or airborne material.

**Skin & Body Protection:** Wear chemical resistant, impervious gloves (butyl rubber or silver shield type) at all times when handling chemical products. Check during use that gloves and aprons are still retaining their impervious properties, as the time for breakthrough can change from different manufacturers and chemical mixtures cannot always be accurately measured. Exposed arms and legs should be covered during use. Appropriate footwear and suitable protective clothing should be worn for the degree and risk of exposure.

**Respiratory Protection:** If workplace exposure limits of product or any component is exceeded, utilize proper respiratory protection program guidelines (see OSHA 1910.134 and American National Standard ANSI Z88.2) Use a properly fitted NIOSH/MSHA air-purifying or air-fed respirator with organic vapor cartridge and dust/mist filter in compliance with the above mentioned standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Appearance:** Liquid
**Odor:** characteristic stripper type
**Odor threshold:** not available
**pH:** n/a
**Melting Point/Freezing Point:** N.D.
**Initial Boiling Point/Range:** not applicable
**Flash Pt:** 115F lowest component
**Evaporation Rate:** N.D. (butyl acetate=1)
**Lower explosive limits:** not applicable
**Upper explosive limits:** not applicable
**Vapor Pressure:** N.D.
**Vapor Density:** N.D. (air=1)
**Relative Density:** 1.02
**Solubility in water:** Soluble
**Partition coefficient:** not applicable
**Auto ignition temp:** not applicable
**Decomposition Temp:** not available
**Viscosity:** flowable liquid w/ slight viscosity
10. STABILITY AND REACTIVITY

Reactivity: An ingredient within this product (benzyl alcohol) could form explosive mixtures with air on intense heating.

Chemical Stability: Stable under recommended storage conditions. Sensitive to light. Sensitive to air.

 Possibility of Hazardous Reactions: Exothermic reaction with oxidizing agents, acids,

Conditions to Avoid: strong heating

Incompatible Materials: Oxidizing materials, strong acids, various plastics

Hazardous Decomposition Products: Carbon monoxide and Carbon Dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity: classified, category 4, harmful if swallowed, Benzyl Alcohol,

Skin corrosion irritation: Not classified,

Serious Eye damage: classified 1, causes serious eye damage, Alcohols ethoxylate

Sensitization: classified, category 1, Dlimonene, may cause an allergic skin reaction

Mutagenicity: Not classified,

Carcinogenicity: Not considered to be a carcinogen by IARC, ACGIH, NEP OR OSHA.

Reproductive Toxicity: No data available

Teratogenicity: No data Available

Specific target Organ Toxicity (single exposure)
Not classified

Specific target Organ Toxicity (repeated exposure):

<table>
<thead>
<tr>
<th>Name</th>
<th>category</th>
<th>route of exposure</th>
<th>target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Aspiration Hazard: Classified, category 1, Dlimonene and Soy methyl esters, Do Not Induce Vomiting if swallowed
Information on the likely routes of exposure:
Ingestion: harmful if swallowed. Do not induce vomiting
Inhalation: Do not breathe mists.
Skin: can cause allergic skin reaction
Eye: Causes serious eye damage

Symptoms related to the physical, chemical and toxicological characteristics
Ingestion: See section iv, most important symptoms and effects, acute and delayed.
Inhalation: See section iv, most important symptoms and effects, acute and delayed.
Skin: See section iv, most important symptoms and effects, acute and delayed.
Eye: See section iv, most important symptoms and effects, acute and delayed.

Delayed and immediate effects and also chronic effects from short and long term exposure.
General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Product will cause eye damage. In case of eye contact treat immediately.
Carcinogenicity: no known significant effects or critical hazards. Not classifiable.

Numerical measures of Toxicity
Not Available

12. ECOLOGICAL INFORMATION

Toxicity:
No data for finished product

Bioaccumulation Potential:
Expected to be readily biodegradable

Mobility in Soil:
Not expected to absorb on soil

Other adverse Effects:
Acute 2 Aquatic toxicity

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable federal, state and local regulations.

14. TRANSPORTATION INFORMATION

DOT: This product is NOT REGULATED if packaged under 119 gallons per container by DOT when shipping in North America.

IATA: UN3334; AVIATION REGULATED LIQUID, N.O.S. (BENZYL ALCOHOL)
CLASS: 9
PG: III
IMDG: NOT REGULATED AS DANGEROUS GOOD
### 15. REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS:** All ingredients are listed or exempted with TSCA.

SARA 302/304: No products above trace

SARA 311/312: Flammable liquid (combustible 115 flash pt), Acute, Chronic

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>%</th>
<th>FIRE HAZARD</th>
<th>PRESSURE RELEASE</th>
<th>REACTIVE</th>
<th>IMMEDIATE ACUTE</th>
<th>DELAYED ACUTE</th>
<th>CHRONIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl Alcohol</td>
<td>0-30</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
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<td>YES</td>
</tr>
<tr>
<td>Dipropylene glycol DPM</td>
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<td>NO</td>
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<td>Dimethyl Glutarate</td>
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<td>Dimethyl Succinate</td>
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<td>Dimethyl Adipate</td>
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<td>Propylene Carbonate</td>
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<td>Ethoxylated Alcohol</td>
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</tr>
</tbody>
</table>

SARA 313: No products found above trace.

**California Prop 65:** No products known above trace.

**Canadian NPRI Ingredient Disclosure List (Limit 1%)- 1000-51-6 Benzyl Alcohol**

**STATE REGULATIONS:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>New York</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soy Methyl Esters</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Dimethyl Glutarate</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Dimethyl Succinate</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Dimethyl Adipate</td>
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<tr>
<td>Soy Methyl Ester</td>
<td>No</td>
<td>No</td>
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</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>No</td>
<td>No</td>
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<td>Yes</td>
</tr>
<tr>
<td>Dipropylene glycol DPM</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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</tr>
<tr>
<td>Dlimonene</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

### 16. OTHER INFORMATION

**HMIS RATING:** HEALTH (2) FIRE (2) REACTIVITY (0)

4=EXTREME, 3=HIGH, 2=Moderate, 1=SLIGHT, 0=INSIGNIFICANT

**NOTICE TO READER:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the SDS. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.