1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Jasco Green Paint Brush Cleaner
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113

Phone Number: (901)775-0100

Web site address: www.wmbarr.com

Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892

Intended Use: Clean up of natural and synthetic paint brushes.

Synonyms: QJGBC430

Additional Information: This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Toxic To Reproduction, Category 1B
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 2

GHS Signal Word: Danger

GHS Hazard Phrases: H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H360: May damage fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.

GHS Response Phrases: P302+352: IF ON SKIN: Wash with plenty of soap and water.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313: IF exposed or concerned: Get medical attention/advice.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P314: Get medical attention/advice if you feel unwell.
P321: Specific treatment see label.
P332+313: If skin irritation occurs, get medical advice/attention.
P337+313: If eye irritation persists, get medical advice/attention.
**SAFETY DATA SHEET**

**Jasco Green Paint Brush Cleaner**

**GHS Storage and Disposal Phrases:**
- P362: Take off contaminated clothing and wash before re-use.
- P405: Store locked up.
- P501: Dispose of contents/container according to local, state and federal regulations.

**Hazard Rating System:**
- HEALTH: 2
- FLAMMABILITY: 0
- PHYSICAL: 0
- PPE: X

**NFPA:**
- Special Hazard

**OSHA Regulatory Status:**
This material is classified as hazardous under OSHA regulations.

**Potential Health Effects (Acute and Chronic):**
This product has not been tested as a whole to determine health effects. The health effects listed below are associated with the individual ingredients listed in Section 3.

**PRIMARY ROUTES OF ENTRY:** skin, eyes, inhalation

**Inhalation:**
May cause irritation of the upper respiratory tract with sore throat, coughing and shortness of breath. May cause burns of the mucous membranes.

**Skin Contact:**
May cause severe irritation, redness, pain and possibly burns. Prolonged or repeated contact may result in dermatitis.

**Eye Contact:**
May cause severe eye irritation, pain, tear production, excess redness, swelling of the conjunctiva, corneal clouding and corneal burns (possibly leading to blindness). The full extent of the injury may not be immediately apparent.

**Ingestion:**
May cause immediate pain and severe burns of the esophagus and gastrointestinal tract with vomiting, nausea, and diarrhea. Edema of the epiglottis and shock may occur.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-34-5</td>
<td>Diethylene glycol monobutyl ether (2-(2-Butoxyethoxy)ethanol (a glycol ether))</td>
<td>&lt;10.0 %</td>
<td>KJ9100000</td>
</tr>
<tr>
<td>6834-92-0</td>
<td>Silicic acid (H2SiO3), Disodium salt (Sodium metasilicate (pentahydrate))</td>
<td>&lt; 5.0 %</td>
<td>VV9275000</td>
</tr>
<tr>
<td>872-50-4</td>
<td>N-Methyl-2-pyrrolidone (2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one)</td>
<td>&lt; 5.0 %</td>
<td>UY5790000</td>
</tr>
<tr>
<td>9016-45-9</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-{(nonylphenyl)-.omega.-hydr (Nonylphenol Ethoxylate)</td>
<td>&lt; 5.0 %</td>
<td>WZ4200000</td>
</tr>
</tbody>
</table>

**Additional Chemical Information:**
Specific percentage of composition is being withheld as a trade secret.
**4. FIRST AID MEASURES**

<table>
<thead>
<tr>
<th>Emergency and First Aid Procedures</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin:</td>
<td>Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.</td>
</tr>
<tr>
<td>Eyes:</td>
<td>Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek immediate medical attention.</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down.</td>
</tr>
</tbody>
</table>

**Note to Physician:**
The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.

**5. FIRE FIGHTING MEASURES**

| Flash Pt: | No data. |
| Explosive Limits: | LEL: No data. | UEL: No data. |
| Autoignition Pt: | No data. |

**Suitable Extinguishing Media:** Non-combustible liquid - use extinguishing media for underlying cause of fire.

**Unsuitable Extinguishing Media:** None known.

**Fire Fighting Instructions:**
Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

**Flammable Properties and Hazards:**
Flashpoint: No flash to boiling. This material does not exhibit a flashpoint per the Setaflash Closed Cup test method.

**6. ACCIDENTAL RELEASE MEASURES**

**Steps To Be Taken In Case Material Is Released Or Spilled:**
For small spills: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

For large spills: Wear appropriate PPE and keep all unnecessary personnel out of the area. Stop spill at the source, dike ahead of the spill if possible, and contain the spill. Recover as much as possible and use absorbent material to collect the remaining liquid. Prevent runoff from entering drains, sewers, or bodies of water.

Dispose of according to all applicable local, state, and federal regulations.
7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Avoid breathing of vapors or mist. Avoid contact with eyes and skin.

A source of clean water should be available in or near the work area for flushing of the eyes and skin if contact occurs.

Precautions To Be Taken in Storing: Store in a closed container. Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-34-5</td>
<td>Diethylene glycol monobutyl ether (2-(2-Butoxyethoxy)ethanol (a glycol ether))</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>6834-92-0</td>
<td>Silicic acid (H2SiO3), Disodium salt (Sodium metasilicate (pentahydrate))</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>9016-45-9</td>
<td>Poly(oxy-1,2-ethanediyl),.alpha-.(nonylphenyl).omega.-hydr (Nonylphenol Ethoxylate)</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>

Respiratory Equipment (Specify Type): For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

Eye Protection: Safety glasses should be worn during normal handling of this material.

Where contact with the eyes or face is likely, a faceshield or chemical splash goggles should be worn to prevent eye contact.

Protective Gloves: Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

Other Protective Clothing: Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.): Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache,
nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

**Work/Hygienic/Maintenance Practices:**
Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom.
Do not eat, drink, or smoke in the work area.
Discard any clothing or other protective equipment that cannot be decontaminated.
Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:**
[ ] Gas  [ ] Liquid  [ ] Solid

**Appearance and Odor:**
Light bright green liquid, clear to slightly hazy

**Melting Point:**
No data.

**Boiling Point:**
No data.

**Autoignition Pt:**
No data.

**Flash Pt:**
No data.

**Explosive Limits:**
LEL: No data.  UEL: No data.

**Specific Gravity (Water = 1):**
1.0276 - 1.0476

**Density:**
8.633

**Vapor Pressure (vs. Air or mm Hg):**
18 MM HG  at  68.0 F

**Vapor Density (vs. Air = 1):**  > 1

**Evaporation Rate:**  < 1

**Solubility in Water:**
Complete

**Viscosity:**
10 CPS

**pH:**
12.5 - 13.5

**Percent Volatile:**
93.2 % by weight.

**VOC / Volume:**
29.9000 G/L

### 10. STABILITY AND REACTIVITY

**Stability:**
Unstable [ ]  Stable [ X ]

**Conditions To Avoid - Instability:**
No data available.

**Incompatibility - Materials To Avoid:**
Oxidizers, acids, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc, or other alkali sensitive metals or alloys.

**Hazardous Decomposition Or Byproducts:**
Nitrogen oxides, carbon dioxide, carbon monoxide

**Possibility of Hazardous Reactions:**
Will occur [ ]  Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:**
No data available.
### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Refer to section 2 for acute and chronic effects.

- **CAS# 112-34-5:**
  - Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.
  - Result: Behavioral: Anticonvulsant.

- **CAS# 6834-92-0:**
  - Standard Draize Test, Skin, Species: Guinea pig, 250.0 MG, 24 H, Moderate.
  - Result: Effects on Fertility: Other measures of fertility.

- **CAS# 872-50-4:**
  - Reproductive Effects:, TDLo, Inhalation, Rat, 116.0 PPM, 6 H, multigenerations.
  - Result: Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

- **CAS# 9016-45-9:**
  - Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Moderate.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-34-5</td>
<td>Diethylene glycol monobutyl ether (2-(2-Butoxyethoxy)ethanol) {(a glycol ether)}</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>6834-92-0</td>
<td>Silicic acid (H2SiO3), Disodium salt (Sodium metasilicate (pentahydrate))</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>872-50-4</td>
<td>N-Methyl-2-pyrrolidone (2-Pyrrolidinone, 1-Methyl-; 1-Methylazacyclopentan-2-one)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>9016-45-9</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-{(nonylphenyl)-.omega.-hydr (Nonylphenol Ethoxylate)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>
### 12. ECOLOGICAL INFORMATION

No data available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:**

Dispose of in accordance with local, state, and federal laws.

Do not place material in general trash.

Do not allow material to enter bodies of water or sewers.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

- **DOT Proper Shipping Name:** PAINT RELATED MATERIAL, NOT REGULATED
- **DOT Hazard Class:**
- **UN/NA Number:**

### 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-34-5</td>
<td>Diethylene glycol monobutyl ether (2-(2-Butoxyethoxy)ethanol)</td>
<td>No</td>
<td>No</td>
<td>Yes-Cat. N230</td>
</tr>
<tr>
<td>6834-92-0</td>
<td>Silicic acid (H2SiO3), Disodium salt (Sodium metasilicate (pentahydrate))</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>872-50-4</td>
<td>N-Methyl-2-pyrrolidone (2-Pyrrolidinone, 1-Methyl; 1-Methylazacyclopentan-2-one)</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>9016-45-9</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.- (nonylphenyl)-.omega.-hydr (Nonylphenol Ethoxylate)</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

- [X] Yes | [ ] No | Acute (immediate) Health Hazard
- [X] Yes | [ ] No | Chronic (delayed) Health Hazard
- [ ] Yes | [X] No | Fire Hazard
- [ ] Yes | [X] No | Sudden Release of Pressure Hazard
- [ ] Yes | [X] No | Reactive Hazard

**Other US EPA or State Lists**

- CAS # 112-34-5: CAA HAP, ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No
- CAS # 6834-92-0: CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
- CAS # 872-50-4: CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test, 12(b); CA PROP.65: Yes
- CAS # 9016-45-9: CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No
### Regulatory Information

**Statement:**
All components of this material are listed on the TSCA Inventory or are exempt.

### 16. OTHER INFORMATION

**Revision Date:** 04/16/2015  
**Preparer Name:** W.M. Barr EHS Dept  (901)775-0100  
**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**
The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.