

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard.  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 12180072

IDENTITY (As Used on Label and List)

**Bug Wash & Wax**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

## Section I - Manufacturer

|   |  |                   |
|---|--|-------------------|
| Manufacturer's Name<br><b>AIKEN CHEMICAL COMPANY</b>                  | Emergency Telephone Number<br>1-800-922-1117; (864) 765-7359       |                   |
| Address (Number, Street, City, State and Zip Code)<br>P. O. Box 27147 | Telephone Number for Information<br>(864) 968-1250; 1-800-828-1860 |                   |
| Greenville, SC 29616  | Date Prepared:<br>December 31, 2002                                | Revision #<br>New |
| 12 Shelter Dr., Greer, SC 29650                                       | Signature of Preparer (optional)                                   |                   |

## Section II-Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity: Common Name(s)) | OSHA PEL         | ACGIH TLV           | OTHER LIMITS | % |
|---|------------------|---------------------|--------------|---|
| 2-Butoxyethanol CAS # 111-76-2                                    | 25ppm-Skin       | 25ppm-Skin          |              |   |
| Triethanolamine 85% CAS # 102-71-6                                | N / E            | 5 mg/m <sup>3</sup> |              |   |
|   | N F P A<br>2-1-0 | H M I S<br>2-1-0-C  |              |   |

All the ingredients of this product are listed on the TSCA inventory.

## Section III - Physical/Chemical Characteristics

|  |         |   |       |
|--|---------|---|-------|
| Boiling Point  | >200° F | Specific Gravity (H <sub>2</sub> O - 1) | 1.014 |
| Vapor Pressure (mm Hg.)  | N / E   | Melting Point                           | N / A |
| Vapor Density (AIR=1)  | N / E   | Evaporation Rate (Butyl Acetate=1)      | N / D |
| Solubility in Water<br>Complete                                  |         | pH                                      | 10.0  |
| Appearance and Odor<br>Clear Colorless Liquid with a sweet odor. |         |   |       |

## Section IV - Fire and Explosion Hazard Data

|  |                                    |           |           |
|--|------------------------------------|-----------|-----------|
| Flash Point (Method Used)<br>N / D   | Flammable Limits<br>Not Determined | LEL<br>ND | UEL<br>ND |
| Extinguishing Media<br>Dry chemical, carbon dioxide, foam, water fog or spray                                  |                                    |           |           |
| Special Fire Fighting Procedures<br>Wear NIOSH / MSHA positive pressure SCUBA gear & full protective clothing. |                                    |           |           |
| Unusual Fire and Explosion Hazards<br>May form oxides of nitrogen & peroxides of unknown stability.            |                                    |           |           |

**IDENTITY: Bug Wash & Wax****Section V - Reactivity Data**

|  |                |   |                                   |
|--|----------------|---|-----------------------------------|
| Stability  | Unstable       |   | Conditions to Avoid<br>None Known |
|  | Stable         | X |                                   |
| <b>Incompatibility (Materials to Avoid)</b><br>Strong acids and strong oxidizers.  |                |   |                                   |
| <b>Hazardous Decomposition or Byproducts</b><br>Carbon dioxide, carbon monoxide, ammonia, oxides of nitrogen & possible peroxides. |                |   |                                   |
| Hazardous Polymerization   | May Occur      |   | Conditions to Avoid<br>None Known |
|  | Will Not Occur | X |                                   |

**Section VI - Health Hazard Data**

|  |             |                  |                 |                     |
|--|-------------|------------------|-----------------|---------------------|
| Routes of Entry:   | Inhalation? | Eyes?            | Skin?           | Ingestion?          |
|  | Yes         | Yes              | Yes             | Not Likely to Occur |
| <b>Health Hazards (Acute and Chronic)</b> <b>Acute:</b> high concentrations may cause irritation of the nasal tract, headache, nausea & dizziness.<br><b>Chronic:</b> No adverse effects anticipated from available information. |             |                  |                 |                     |
| Carcinogenicity:   | NTP?        | LARC Monographs? | OSHA Regulated? |                     |
|  | No          | No               | No              |                     |
| <b>Signs and Symptoms of Exposure:</b><br>SEE SECTION IX   |             |                  |                 |                     |
| <b>Medical Conditions</b><br>Generally Aggravated by Exposure: Preexisting skin and respiratory problems   |             |                  |                 |                     |
| <b>Emergency and First Aid Procedures</b><br>See Section IX  |             |                  |                 |                     |

**Section VII - Precautions for Safe Handling and Use**

|   |  |
|---|--|
| <b>Steps to Be Taken in Case Material is Released or Spilled</b><br>Stop leak at source. Use sand, dirt or chemical absorbent to absorb liquid & place in disposal drum for disposal. |  |
| <b>Waste Disposal Method</b><br>Dispose of in accordance with all local, state and federal regulations.   |  |
| <b>Precautions to Be Taken in Handling and Storing</b><br>Do not get in eyes, on skin, or clothing. Keep away from heat & flame.  |  |
| <b>Other Precautions:</b><br>Keep container closed when not in use.   |  |

**Section VIII - Control Measures**

|   |   |                |
|---|---|----------------|
| <b>Respiratory Protection (Specify Type)</b><br>None required unless exposure limits are exceeded, then use a NIOSH/ MSA approved vapor, mist mask.                     |   |                |
| Ventilation   | Local Exhaust<br>Adequate                                       | Special<br>N/A |
|   | Mechanical(General) Only if exposure limits are exceeded        | Other:<br>N/A  |
| Protective Gloves<br>Chemical Resistant Rubber, neoprene, or vinyl.   | Eye Protection<br>Safety glasses with side shields, or goggles. |                |
| <b>Other Protective Clothing or Equipment</b><br>Chemical resistant apron if splash hazard exists.  |   |                |
| <b>Work Hygienic Practices</b><br>Always wash hands and face before eating, smoking, or using restroom. If product is spilled on clothing wash clothing before reusing. |   |                |

**Section IX - Routes and Effects of Overexposure:**

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**SKIN:**

Brief contact may cause slight irritation with itching & local redness. Prolonged contact may cause more severe irritation, with discomfort, local redness, and swelling with possible dermatitis forming.

**EYES:**

May cause severe irritation, pain, excessive blinking and tear production, with excess redness and swelling of the conjunctiva.

**INGESTION:**

Not likely to occur, but if it should may cause headache, dizziness, nausea, vomiting, diarrhea, and general weakness.

**INHALATION:**

High concentrations of mist or vapor may cause irritation, coughing, and discomfort to nose, throat, & chest.

**Emergency and First Aid Procedures:**

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**SKIN:**

Wash for at least 15 minutes with warm water and soap. Remove any contaminated clothing & wash before reusing. If irritation persists seek medical assistance.

**EYES:**

Flush eyes with large amounts of warm water lifting upper & lower eyelids to ensure thorough rinsing. If irritation persists seek medical attention.

**INGESTION:**

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. (If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear and give more water. Seek medical attention immediately.

**INHALATION:**

Remove to fresh air. If breathing is difficult administer oxygen. If respiration stops, administer artificial respiration. Seek medical advice.