

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

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|---|--|--------------------------------------|--------------|------|
| IDENTITY (As used on label and list) Citrus Cleaner | 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: Aiken Chemical Company | Emergency Telephone Number 1-800-922-1117; (864) 765-7359 | | | |
| Address (Number, Street, City, State and Zip Code) P.O. Box 27147 Greenville, SC 29616 | Telephone Number for Information (864)968-1250; 1-800-828-1860 | | | |
| 12 Shelter Drive, Greer, SC 29650 | Date Prepared: June 4, 2002 | Revision #: August 9, 2010 | | |
| | Signature of Preparer (Optional) | | | |
| Section II – Hazardous Ingredients / Identity Information | | | | |
| Hazardous Components (Specific Chemical Identity: Common Name(s)) | OSHA PEL | ACGIH TLV | OTHER LIMITS | % |
| Sodium Carbonate CAS#497-19-8 | 15 mg/m3 dust | Unknown | | 1-4% |
| 2-Butoxyethanol CAS#111-76-2 | 25 ppm Skin | 25 ppm Skin | | 1-4% |
| Alkylbenzene sulfonic Acid CAS#27176-87-0 | 1 mg/m3 TWA | 0.2 mg/m3 TWA | | 1-4% |
| Citrus Terpenes CAS#94266-47-4 | None listed | | | 1-4% |
| TCSA Information: All ingredients of this product are listed on the TCSA inventory. | | | | |
| Section III – Routes and Effects of Overexposure | | | | |
| SKIN: Prolonged or repeated contact can cause irritation, defatting or dermatitis. | | | | |
| EYES: Can cause moderate to high redness, tearing and irritation. | | | | |
| INGESTION: May cause mild to moderate burning of the throat, stomach and intestinal tract. | | | | |
| INHALATION: Excessive inhalation of vapors can cause irritation of nasal and respiratory passages. | | | | |
| Section IV – Emergency and First Aid Procedures | | | | |
| SKIN: Remove contaminated clothing and wash before reusing. Thoroughly rinse exposed area with running water for at least 15 minutes. If irritation persists, seek medical attention. | | | | |
| EYES: Immediately flush eyes with large amounts of running water for at least 15 minutes, lifting upper and lower lids occasionally. Seek immediate medical attention. | | | | |
| INGESTION: DO NOT induce vomiting. Dilute by giving large amount of water. Get medical attention immediately. | | | | |
| INHALATION: Remove individual to fresh air. If breathing has stopped, give artificial respiration. Seek medical attention. | | | | |
| Section V – Fire-Fighting Measures | | | | |
| EXTINGUISHING MEDIA: Foam, water spray, dry chemical, or carbon dioxide. | | | | |
| SPECIAL FIRE-FIGHTING MEDIA: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Water or foam may cause frothing of the product. Keep upwind of fire. Product may be slippery on floors. | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: None known | | | | |
| Section VI – Accidental Release Measures | | | | |
| Steps to be Taken in Case Material is Released or Spilled: Stop spill at the source, dike area to prevent spreading. Remaining liquid may be taken up with sand, clay, floor absorbent, or other absorbent material and shoveled into salvage containers. | | | | |
| Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations. | | | | |
| Other Precautions: Spilled material may make floor slippery. | | | | |

| Section VII – Handling and Storage | | | |
|---|---|---|--|
| Handling: Keep product away from excessive heat. Store below 120°F. Do not swallow. Avoid breathing vapors. Protect skin and eyes. Wash thoroughly after handling. | | | |
| Storage: Keep in tightly closed containers. Store in a cool area and protect product from freezing. | | | |
| Other Precautions: Containers, even those that have been emptied, can contain product and vapors. Avoid contact with residual product. | | | |
| Section VIII – Exposure Controls and Personal Protection | | | |
| Respiratory Protection (Specify Type) None, unless exposure limits are exceeded; then use NIOSH/MSHA air supplied device. | | | |
| Ventilation: | Local Exhaust Acceptable | | Special: None |
| | Mechanical (General) To reduce exposure limits. | | Other: None |
| Protective Gloves Neoprene or rubber gloves | | Eye Protection Safety glasses with side shields or face shield. | |
| Other Protective Clothing or Equipment | | | |
| Work Hygienic Practices Wash thoroughly after handling. | | | |
| Section IX – Physical / Chemical Characteristics | | | |
| Boiling Point: | >200°F | Specific Gravity (H₂O=1): | 1.002 |
| Vapor Pressure (mm Hg.): | N/D | Melting Point: | ND |
| Vapor Density (AIR=1): | ND | Evaporation Rate (Butyl Acetate=1): | ND |
| Solubility in Water: | Complete | pH: | 6.5-7.5 |
| Appearance and Odor: | Clear orange liquid with a pleasant orange odor. | Flash Point (Method Used): | >200°F(PMCC) |
| Flammable Limits: | Not established | LEL: UEL: | Unknown Unknown |
| Section X – Reactivity Data | | | |
| Stability: | Unstable: | | Conditions to Avoid Mixing or blending with oxidizing materials. |
| | Stable: | X | |
| Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents. | | | |
| Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide and oxides of sulfur. | | | |
| Hazardous Polymenization | May Occur | | Conditions to Avoid None |
| | Will Not Occur | | |
| | | X | |
| Section XI – Toxicological Information | | | |
| Health Hazards (Acute and Chronic) Acute overexposure- May cause irritation of eyes. May cause irritation, defatting or dermatitis of skin. May be irritating to upper respiratory tract. | | | |
| Section XII – Ecological Information | | | |
| Not determined. | | | |
| Section XIII – Transport Information | | | |
| PROPER SHIPPING NAME: Cleaning Compound, Non-Hazardous Material, N.O.S | | | |
| HAZARD CLASS: NA | | | |
| ID NUMBER: NA | | | |

Section XIV – Regulatory Information

TSCA Status: All components are listed on the Toxic Substance Control Act Chemical Substances Inventory

Section 311 Hazard Category - Acute

California Safe Drinking Water Enforcement Act (Prop 65):

This product contains no listed known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

Pennsylvania (Worker and Community Right-to-Know Act): Pennsylvania Special Hazardous Substances List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

| Component | CAS# | Amount |
|---------------------------------|------------|--------|
| Ethylene glycol monobutyl ether | 111-76-2 | ≤ 4% |
| Alkylbenzene sulfonic acid | 27176-87-0 | ≤ 4% |

New Jersey Right-to-Know Hazardous Substance List:

This material contains the following components that appear on the NJ list

| Component | CAS# | Amount |
|---------------------------------|------------|--------|
| Ethylene glycol monobutyl ether | 111-76-2 | ≤ 4% |
| Alkylbenzene sulfonic acid | 27176-87-0 | ≤ 4% |

Massachusetts Substance List:

This material contains the following components that appear on the MA list

| Component | CAS# | Amount |
|---------------------------------|----------|--------|
| Ethylene glycol monobutyl ether | 111-76-2 | ≤ 4% |