## Section 1: Product and Company Identification

|  |  |  |
| --- | --- | --- |
| **Supplier** | RGA Enterprises, Inc.  4001 Performance Rd.  Charlotte, NC 28214 | **Telephone** (704)398-0487 |
| **Product Name** | Green All Purpose Cleaner | |
| **Recommended Use** | Cleaning Compound | |
| **Restrictions on Use** | Keep away from children | |
| **Emergency Contact / Number** | ChemTel / (800) 255-2924 | |

## Section 2: Hazard Identification

**Hazards**  **Signal Word**  Not Applicable

Product is not classified

**Precautionary Statements**

Not Applicable

## Section 3: Composition/Information on Ingredients

|  |  |  |
| --- | --- | --- |
| **Component Name** | **CAS#** | **Component Percent** |
| Non-hazardous solution; contains ethanolamine  (141-43-5) | Mixture | 100 |

## Section 4: First Aid Measures

**Eye Contact**

Not hazardous but mist or fumes may be irritating. Flush eyes with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Seek prompt medical attention if irritation occurs and persists.

**Skin Contact**

Not hazardous. Wash exposed area with soap and water if irritation occurs. Remove contaminated clothing and shoes while washing and launder before reuse. Seek medical attention if pain or irritation occurs and persists.

**Ingestion**

Not hazardous. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if discomfort occurs and persists.

**Inhalation**

Not hazardous. Remove affected person from source of exposure. Get medical attention if pain, irritation or discomfort occurs and persists. Give oxygen or artificial respiration if breathing is difficult or stopped.

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

Eye irritation which persists after rinsing eyes.

**Indication of Immediate Medical Attention Needed**

Eye pain or loss of vision.

## Section 5: Firefighting Measures

**Suitable Extinguishing Media**

Product does not burn. Use water spray, dry chemical, foam or CO2 as applicable for burning materials. Use a water spray to cool structures, fire-exposed containers, and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment.

**Special Firefighting Procedures / Unusual Firefighting Hazards**

Not Applicable

## Section 6: Accidental Release Measures

**See Section 8 for personal protective gear.**

**Personal Precautions**

Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material.

**Environmental Precautions**

Contain spill if it can be done with minimal risk. Advise EPA, state or local agencies as required.

**Methods for Cleaning Up**

Spill areas may be slippery. Mop up small spills. Dike area with sand or other material for large spills. Flush area with water to neutralize and remove slip hazard. Do not discharge large amounts to the environment.

## Section 7: Handling and Storage

**See Section 8 for personal protective gear.**

**Handling**

Use good hygiene practices when handling product, including changing and laundering work clothes after use. Wash hands at break, end of shift or before eating or using restroom. Avoid eye contact. Wash exposed skin areas thoroughly after handling. Treat containers with same caution as when handling the contents. Keep containers tightly closed when not in use. When unloading bulk vehicles, personnel should wear chemical goggles and rubber or neoprene gloves to avoid prolonged contact.

**Storage**

Keep product in labeled or original container. Keep closed when not in use. Store in a cool, dry, well ventilated area. Empty product containers of this material may retain residues; observe all warnings and precautions listed for the product.

## Section 8: Exposure Control and Personal Protection

**Exposure Limits**

|  |  |  |
| --- | --- | --- |
| **Component Name** | **OSHA TWA** | **ACGIH TWA** |
| Monoethanolamine | 3 ppm | 3 ppm |

**Engineering Controls**

Very unilikely to be necessary. Use local or general exhaust to maintain good air quality.

**Eye and Face Protection**

May be irritating. Wear safety glasses or goggles to protect eyes. Use a face shield if splashing is possible such as when pouring or transferring large volumes.

**Skin Protection**

Not hazardous. Wear gloves or other protective clothing as appropriate to avoid prolonged skin contact.

**Respiratory Protection**

May be irritating. Not hazardous.

**General Hygiene**

Follow accepted work practices for handling cleaners or chemicals. Do not eat, drink or smoke in areas where this product is used or stored. Wash after task or shift, when using the restroom or before eating.

## Section 9: Physical and Chemical Properties

|  |  |  |  |
| --- | --- | --- | --- |
| **Appearance/Physical State** | Clear liquid | **Flash Point (PMCC)** | Not Applicable |
| **Specific Gravity (20 °C)** | 1.0 | **Upper Flammability Limits (% by volume)** | Not Applicable |
| **Evaporation Rate (butyl acetate = 1)** | Equal to water | **Lower Flammability Limits (% by volume)** | Not Applicable |
| **pH** | 9.0 – 9.5 | **Auto-ignition Temperature** | Not Applicable |
| **Solubility in Water** | Complete | **Decomposition Temperature** | Not Applicable |
| **Odor** | Mild, citrus | **Vapor Pressure** | Not Determined |
| **Odor Threshold** | Not Determined | **Vapor Density (Air-=1)** | Not Determined |
| **Melting/Freezing Point** | 30 °F, -1 °C | **Partition Coefficient (n-octanol/water)** | Not Determined |
| **Boiling Range** | Not Determined | **Viscosity** | Not Determined |
| **Initial Boiling Point** | 212 °F, 100 °C | **Critical Temperature** | Not Determined |
| Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately. | | | |

## Section 10: Stability and Reactivity

**Reactivity**

Stable under normal use and storage conditions.

**Chemical Stability**

Stable under normal use and storage conditions.

**Possibility of Hazardous Reactions**

Will not occur under normal conditions.

**Conditions to Avoid**

None known

**Incompatible Materials**

None known

**Hazardous Decomposition Products**

Not Applicable

## Section 11: Toxicological Information

In accordance with OSHA’s Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

**Eye Contact**

Eyes may be irritated if not rinsed out. See Section 4.

**Skin Contact**

Not hazardous

**Ingestion**

Not toxic but may cause gastrointestinal irritation if swallowed. See Section 4.

**Inhalation**

Prolonged mist or vapor inhalation can cause reversible irritation to the nose, throat, and respiratory tract.

**Target Organ Effects**

None known

**Pre-existing Conditions**

Persons with pre-existing skin disorders or eye problems, or impaired respiratory function may be susceptible to the effects of this product.

**Chronic Effects**

Any acute symptoms may be aggravated by long term exposure. Refer to Section 4 for recommended actions.

**Reproductive Effects**

No known reproductive or developmental effects.

**Mutagenicity and Carcinogenicity**

No components are found by NTP, IARC or OSHA to be mutagens or carcinogens.

## Section 12: Ecological Information

Product is non-toxic, fully soluble in water and biodegradable. Contains no or very low levels of environmentally hazardous materials.

## Section 13: Disposal Considerations

Empty containers may contain residues. Triple rinse before recycling or disposing. Always dispose of container in accordance with local, state, and/or federal regulations.

## Section 14: Transport Information

**DOT Information**

Not Regulated

## Section 15: Regulatory Information

**TSCA and DSL Status**

All components are listed in the TSCA and DSL inventories.

**SARA 311/312 Reporting Categories**

None

**SARA 313 Reportable Ingredients**

None

## Section 16: Other Information

**Department Issuing SDS** Health and Safety

**Disclaimer**

This information relates to the specific material designated and may not be valid for such material used in combination with other materials or in any process. This information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.