| Material Safety Data Sheet | U.S. Department of Labor |
|---|---|
| May be used to comply with OSHA'S Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirments. | Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No.1218-0072 |

IDENTITY (As used on label and list)

AK-020 Emerald Magic, Heavy Duty Cleaner/Degreaser

## Section I

| | |
|---|---|
| Manufacturer's Name<br>AlfaKleen Chemical Laboratories, Inc.<br>www.alfakleen.com | Emergency Telephone Number<br>See Website...<br>Telephone Number for Information<br>See Website... |
| Cage Code<br>62639 | Date Prepared<br>01/01/14 |

## Section II -- Hazardous Ingredients/Identity Information

| CAS NO. | Ingredients | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|---|---|---|---|---|
| 111-76-2 | Glycol Ether EB | | 25PPM | | |
| 64-02-8 | Sequestrine 30A | | 0/0 | | |
| 141-43-5 | Monethanolamine | | 3PPM | | |

## Section III -- Physical/Chemical Characteristics

| | | | |
|---|---|---|---|
| Boiling Point | Over 200ºF | Specific Gravity (H2O = 1) | 1.0 |
| Vapor Pressure (mm Hg.) | 0.92 | Melting Point | N/A |
| Vapor Density (AIR = 1) | >1.0 | Evaporation Rate (Butyl Acetate = 1) | >1.0 |
| Solubility in Water: 100% | | | |
| Appearance and Odor: Green tint, light odor | | VOC: | 15% |

## Section IV -- Fire and Explosion Hazard Data

| | | | |
|---|---|---|---|
| Flash Point (Method Used): N/A- Not Flammable | Flammable Limits | LEL: N/A | UEL: N/A |
| Extinguishing Media: N/A | | | |
| Special Fire Fighting Procedures: None | | | |
| Unusual Fire and Explosion Hazards: N/A | | | |

## Section V -- Reactivity Data

| Stability | | | |
|---|---|---|---|
| | Unstable | | Conditions to Avoid<br>Prolonged excessive heat may cause product decomposition. |
| | Stable<br>X | | |

Incompatibility (Materials to Avoid)
Normally unreactive; however, avoid any strong oxidizing agents

Hazardous Decomposition or Byproducts
Carbon monoxide and/or Carbon dioxide

| Hazardous | | | |
|---|---|---|---|
| Polymerization | May Occur | | Conditions to Avoid<br>None known |
| | Will Not Occur<br>X | | |

## Section VI -- Health Hazard Data

| Route(s) of Entry: | Inhalation ? | Skin? | Ingestion? |
|---|---|---|---|
| | No | No | Yes |

Health Hazards (Acute and Chronic)
Harmful if swallowed

| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated |
|---|---|---|---|
| | No | No | No |

Signs and Symptoms of Exposure
Short term; eyes - irritant

Medical Conditions
Generally aggravated by exposure

None recognized

Emergency and First Aid Procedures
Eyes: Flush with water for 15 minutes.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.
Seek medical attention.

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

Steps to Be Taken in Case Material is Released or Spilled
Flush with water.

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

Precautions to Be Taken in Handling and Storing
Keep out of reach of children.
Keep container closed when not in use.
Store at room temperature.

Other Precautions

## Section VIII -- Control Measures

Respiratory Protection (Specify Type)
None usually required

| Ventilation | Local Exhaust<br>Yes | Special |
|---|---|---|
| | Mechanical (General) | Other |

| Protective Gloves | Eye Protection |
|---|---|
| None | Goggles/face shield to prevent possible irritation |

Other Protective Clothing or Equipment
None

Work/Hygienic Practices

## Section IX -- Special Precautions

Handling and Storage Precautions

Other Precautions

## Section X -- Transportation

Applicable Regulations

Proper Shipping Name **NON-HAZARDOUS**

| UN NO. | Limited Qty | Reported Qty |
|---|---|---|
| Hazard Class | Labels Required | DOT Exempt/CCN |

| U.S. Postal Service Regulations | Unit Container |
|---|---|

Aerosol Propellants

EPA Hazardous Waste Number/Code

Hazardous Waste Characteristics

Additional Information