

| MATERIAL SAFETY DATA SHEET | | | | | | |
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| SECTION 1 - PRODUCT SOURCE AND IDENTITY | | | | | | |
| Supplier identity and address | | | Product description: | | Date: July 14, 2004 | |
| Envirosafe, Inc. 78-6710 Donkey Mill Rd. Holualoa, Hawaii 96725 | | | Name: A-1 Hardwater Stain Remover Purpose: Removes hard water scale. Proprietary Formula Code: ESI A1 | | | |
| Fax number: 808-322-7822 | | | Product information: 808-960-2650 | | | |
| SECTION 2 - SHIPPING CLASSIFICATION | | | | | | |
| Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number | | | | | | |
| Not Regulated | | | | | | |
| Labels required per 49 CFR 172.101: | | | None | | | |
| Qualifies for "Limited quantity" per 49 CFR 173.150-.155: | | | Not applicable | | | |
| Reportable Quantity ("RQ") per 49 CFR 172.101: | | | None or not possible in one non-bulk package | | | |
| SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION | | | | | | |
| Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200 | | | | | EXPOSURE LIMIT VALUES | |
| CAS# | 313 | Material or Component | % | RQ# | TWA | STEL |
| 64742-47-8 | No | Petroleum distillate | <20 | None | 100 ppm (PEL) | |
| 1336-21-6 | Yes | Ammonium hydroxide | <1 | 1000 | 25 ppm | 35 ppm |
| 61790-53-2 | No | Silica amorphous -Diatomaceous earth | | None | 10 ppm or 3 mg/m3 | |
| <30 | | | | | | |
| No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2004" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above. | | | | | | |
| California criteria: Constituents qualifying as hazardous materials, substances or waste, other than above, if any, have been neutralized or denatured to a non hazardous condition. Regulations referenced: California Health & Safety Code Ch 6.95 Sec 25501(k) & (l), CCR Title 22, Sec 66261.21- .24, and Appendix X of 22 CCR Chapter 11, Article 4. | | | | | | |
| Emergency overview: Non scratching abrasive cleaner with solvent. Keep out of eyes. Avoid extended skin contact. Do not breathe dust or vapors. Keep lid on container when not in use. | | | | | | |
| Hazard Categories: | Health | Fire | Pressure | Reactivity | Reference 49 CFR 171.8, | |
| Immediate | Yes | No | No | No | OSHA 29 CFR 1910.1200 and | |
| Delayed | No | XXX | XXX | XXX | SARA 302/311/312/313. | |
| HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Glasses, gloves) | | | | | | |
| NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA | | | | | | |
| Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4 | | | | | | |
| Threshold limit value: Not established on product. | | | | | | |
| TOSCA Status: All ingredients listed | | | | CERCLA RQ: See Sec 2. | | |
| California Prop. 65: None | | | | | | |
| SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES | | | | | | |
| Appearance: | Viscous white liquid | | | Flash point deg. F (cc): | None | |
| Odor: | Slight amonia | | | Initial boiling point deg. C: | ND | |
| Specific gravity: | >1 | | | Vapor pressure 20 deg C: | ND | |
| pH reaction: | 8-9 | | | Freezing point deg. C: | ND | |
| % phosphorous: | None | | | Solubility in water: | 100% | |
| VOC Content: | 200 g/l approx | | | | | |
| California Rule 102 (66): | Contains no photo chemically active materials. | | | | | |
| Reproductive implications: | None | | | | | |
| Ingredients on cancer lists: | None | | | | | |

| SECTION 5 - SAFE HANDLING AND STORAGE | | |
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| General | Abrasive solvent cleaner. Store in a cool place. Keep out of eyes and off of skin. Use standard industrial good practices. Wipe up spills immediately. | |
| Protective equipment | | |
| Eyes | Safety glasses or goggles should be worn if there is possibility of eye contact. | |
| Skin | Impermeable gloves such as rubber, PVC or neoprene are recommended. | |
| Respiratory protection | None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines. | |
| Ventilation | A well ventilated work environment is recommended. | |
| Other | Keep lid on containers. | |
| SECTION 6- HEALTH SAFETY DATA | | |
| Effects of chronic over exposure | | |
| Eyes | None. | |
| Skin | Can cause irritation from repeated exposure. | |
| Inhalation | Mists may be irritating to breathing passages. | |
| Ingestion | Not a likely source of chronic exposure. | |
| SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA | | |
| Explosive limits | Flash point: See Sec 4 | |
| Upper ND | Lower ND | Conditions to avoid: Exposure to heat and evaporation. |
| Chemical stability | Stable | |
| Hazardous polymerization | Cannot occur | Hazardous decomposition products: None known Incompatibility: Oxidation chemicals like peroxides, etc. |
| SECTION 8- EMERGENCY RESPONSE PROCEDURES | | |
| Fire | Extinguishing media | Use materials appropriate to the main source of the fire. |
| | Special procedures | None. |
| | Unusual hazards | None |
| First Aid | Eyes | Flush with water for at least 15 min. Seek medical attention if appropriate. |
| | Skin | Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse. |
| | Inhalation | If affected, remove individual to fresh air, get medical attention at once if there is any discomfort. |
| | Ingestion | Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting. |
| Spills | Small / large spill | Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Floors may be slippery. Keep out of waterways and storm sewers. |
| Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations. | | |
| Information presented herein has been compiled from sources considered to be accurate and reliable, but is not | | |

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