

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTITY AND RESPONSIBLE PARTY INFORMATION

Responsible Party: Grand Technology Inc.	Product Name: GREEN DIAMOND SHIELD FLOOR CLEANER MAINTAINER
Address: P.O. Box 87 Marlboro, NJ 07746	Date Prepared: 2-1-06
Emergency Telephone No. and Other Information: 1-800-535-5053	Prepared By Regulatory Affairs Department

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Water	7732-18-5				>67
Cocoamide	68140-00-1	N/A	N/A		<10
Potassium Soap	593-29-3	N/A	N/A		<5
Sodium Imlnodisuccinate	144538-83-0	N/A	N/A		<5
Sodium Xylene Sulfonate	1300-77-2	N/A	N/A		<5

***THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.**

HMIS RATING - HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION EQPT: B

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 190-212° F	Specific Gravity (H ₂ O = 1): 1.030
Vapor Pressure (mm Hg): Not Established	Percent Volatile By Weight (%): >78%
PH (conc.): 10	Evaporation Rate (H ₂ O=1): >Water
Solubility in Water: Complete	Appearance and Fragrance: Amber Liquid / Lime Fragrance

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) – >150°F TCC	Flammable Limits – Not determined	LEL – N/A	UEL – N/A
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Extinguishing Media – Use water spray, dry chemical, carbon dioxide or foam extinguishing agents unless contraindicated by surrounding environment.
 Special Fire Fighting Procedures – Prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from fire area. All ignition sources should be extinguished. Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing. Keep containers cooled with water spray to prevent rupture from excess heat.

Unusual Fire and Explosion Hazards – None Known

SECTION V – PHYSICAL HAZARDS

Stability: Unstable Stable X	Conditions to Avoid – None Known
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Incompatibility (Materials to Avoid) – Do not mix with other chemicals.
 Hazardous Decomposition Products or By-products – Thermal decomposition may generate toxic materials such as oxides of carbon or sulfur.
 Hazardous: May Occur
 Polymerization: Will not Occur X
 Conditions to Avoid – None Known

SECTION VI – HEALTH HAZARDS

Route(s) of Entry:	Inhalation?	Skin? X	Ingestion? X
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Health Hazards (1. Acute and 2. Chronic) – 1. ACUTE: Harmful if swallowed. Eye and skin irritant.
 2. CHRONIC: None Known

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	No X	I.A.R.C. Monographs No X	OSHA No X
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Signs and Symptoms of Exposure – Irritation or burning sensation. Medical Conditions Generally Aggravated by Exposure – May aggravate skin disorders or respiratory ailments.

Emergency and First Aid Procedures – **EYE CONTACT:** Flush immediately with water and remove contact lenses, if applicable. Then flush with large quantities of running water for 15 minutes. Hold eyelids apart during flushing to ensure complete rinsing of entire surface of eye and lids with water. Get medical attention.
SKIN CONTACT: Remove contaminated shoes and clothing. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse.
INGESTION: Do not induce vomiting. Rinse mouth with water. Then drink 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention. **INHALATION:** Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled – Wear appropriate protective equipment. If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal.
 Waste Disposal Method – Dispose of in accordance with local, state and Federal regulations. If possible, triple rinse container, and recycle.
 Precautions to be Taken in Handling and Storing – Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation. Wash with soap and water after handling. Keep out of reach of children. Keep container tightly closed when not in use.
 Other Precautions – Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) – Respiratory protection is not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure. An approved dust/mist respirator would be recommended.
 Ventilation – Local Exhaust – As Necessary Mechanical (General) – Adequate Special – N/A Other – N/A
 Protective Gloves – Water Impervious (Latex, Neoprene) Eye Protection – Chemical Resistant Goggles or Face Shield Other Protective Clothing or Equipment - Not Required Work/Hygiene Practices – Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.

N/A (Not Applicable/Not Available) N/E (Not Established)