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GG-002 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 4/26/2018 SDS Revision: 5.3 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: **GRANITE GOLD POLISH PROTECTOR GRANITE GOLD POLISH PROTECTOR WIPES** Chemical Name: 1.2 Aqueous Solution 13 Synonyms GG00174; GG0049; GG0033; GG0059 14 Trade Names: Granite Gold Polish Protector (207-006001-1); Granite Gold Polish Protector Wipes 1.5 Product Use: Cleaner & Polish 1.6 Distributor's Name: Granite Gold, Inc. 1.7 Distributor's Address: 9170 Chesapeake Drive, San Diego CA 92123 USA 1.8 Emergency Phone: CHEMTREC +1 (703) 527-3887 / +1 (800) 424-9300 1.9 Business Phone / Fax: Tel: +1 (858) 499-8933 2. HAZARDS IDENTIFICATION Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE but not as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). This product is classified as hazardous according to the OSHA 2012 Hazardous Communication 2012 final rule WARNING! CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. Classification: Skin Irrit. 2; Skin Sens. 1B; Eye Irrit. 2A Label Elements: 2.2 Hazard Statements (H): H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. Precautionary Statements (P): P261 - Avoid breathing mist/spray. P280 - Wear protective gloves/ eye protection. P302+P352 - IF ON SKIN: Was with plenty of soap and water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P321 Specific treatments see this container label and section 4 First Aid of this SDS. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P362 -Take off contaminated clothing and wash before reuse. P501 - Dispose of contents/ container to an approved waste disposal plant. Other Warnings: In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS. KEEP OUT OF REACH OF CHILDREN. 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC OSHA ppm ppm ppm ES-TWA ES-STEL ES-PEAK STEL RTECS No. EINECS No. TLV PEL STEL IDLH OTHER CHEMICAL NAME(S) CAS No. 7732-18-5 ZC0110000 231-191-2 60-100 NE NE NF NF NF NE NE NE WATER (AQUA) NA 1.0-7.0 NA NA NF NF NF NA NA NA NA DC 346 (PROPRIETARY) Eye Irrit. 2; H319 127087-87-0 WZ4750000 NA NF NF NF NA 0.1-1.0 NA NA NA NA TERGITOL® NP-10 57-55-6 TY2000000 200-338-0 0.1-1 NA NA 150 474 NF NA NA NA PROPYLENE GLYCOL 55965-84-9 NA NA 0.1-1.0 NA NA NF NF NF NA NA NA KATHON CG Skin Irrit. 2; Skin Corr. 1B; Eye Irrit. 2; Skin Sens.1; H317, H314, H315, H319 NF NF NA NA RR-38512-6 NA NA 0-0.1 NA NA NF NA CITRUS FRAGRANCE (PARFUM) 4. FIRST AID MEASURES First Aid: Ingestion: DO NOT INDUCE VOMITING. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. Eyes: Flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek immediate medical attention. Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek Skin: prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned. Inhalation: Remove victim to fresh air at once. If breathing is difficult, administer supplemental oxygen and seek

immediate medical attention. If breathing stops, perform artificial respiration.



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| | | 4 FIRST AIR MEASURES | 1 -1 | |
|------------|---|---|--|--|
| 4.0 | L = | 4. FIRST AID MEASURES – cont | | |
| 4.2 | Effects of Exposure: | Ingestion: If product is swallowed, may cause nausea, vomiting an Eyes: This product can cause transient mild eye irritation with solution: Skin: This product can cause mild, transient skin irritation with Inhalation: Exposure may cause respiratory tract irritation in some statements. | short-term contact with liquid sprays a short-term exposure. | or mists. |
| 4.3 | Symptoms of Overexposure: | Moderate irritation to eyes. Moderate irritation to skin near affected an common symptoms include irritating properties to eyes, respiratory sys | reas. Acute health hazards may be | delayed. Most |
| 4.4 | Acute Health Effects: | Skin: Prolonged contact with skin may result in bleaching and irritation of skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Eyes: Overexposure in eyes may cause redness, itching and watering (risk of serious damage to eyes). Contact may cause serious eye irritation including stinging, watering, redness. | | |
| 4.5 | Chronic Health Effects: | No harmful or chronic health effects are expected to occur from a single accidental ingestion. These ingredients may be irritating to skin and mucous membrane of the eye and respiratory system. Overexposure may trigger asthma-like symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis. | | |
| 4.6 | Target Organs: Medical Conditions | Skin, Eyes | | |
| 4.1 | Aggravated by Exposure: | Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, and respiratory system) or impaired kidney | HEALTH | 1 |
| | | function may be more susceptible to the effects of this substance. | FLAMMABILITY PHYSICAL HAZARDS | 0 |
| | | | PROTECTIVE EQUIPMENT | В |
| | | | EYES SKIN | |
| | | | | |
| 5.2 5.3 | Extinguishing Methods: Firefighting Procedures: | increase the explosive limit range and burning rate of flammable vapors. As a result of combustion and thermal decomposition, oxidation products may form and exposure to such products may result in health hazards Foam, CO ₂ , Water Fog or Dry Chemical Fight fires as for surrounding materials. Firefighters should wear a MSHA/NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Fire should be fought from a safe distance. Keep containers cool until well after the fire is out. Cool containers with water spray to prevent pressure build-up, auto-ignition or explosion. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. | | |
| | | Fight fires as for surrounding materials. Firefighters should wear a equivalent self-contained breathing apparatus (SCBA) and protect fought from a safe distance. Keep containers cool until well after the with water spray to prevent pressure build-up, auto-ignition or explose control or dilution from entering sewers, drains, drinking water supply, | ive clothing. Fire should be e fire is out. Cool containers sion. Prevent runoff from fire or any natural waterway. | 1 0 |
| 6.1 | Spills: | Fight fires as for surrounding materials. Firefighters should wear a equivalent self-contained breathing apparatus (SCBA) and protect fought from a safe distance. Keep containers cool until well after the with water spray to prevent pressure build-up, auto-ignition or explose control or dilution from entering sewers, drains, drinking water supply, | ive clothing. Fire should be e fire is out. Cool containers sion. Prevent runoff from fire or any natural waterway. | onal Protective |
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| 6.1 | Spills: | Fight fires as for surrounding materials. Firefighters should wear a equivalent self-contained breathing apparatus (SCBA) and protect fought from a safe distance. Keep containers cool until well after the with water spray to prevent pressure build-up, auto-ignition or explose control or dilution from entering sewers, drains, drinking water supply, and the supply of the supplement of the | ive clothing. Fire should be a fire is out. Cool containers sion. Prevent runoff from fire or any natural waterway. RES anup must wear appropriate Personal protective equipment (e.g., go material with absorbent material accordance with local, state and federarm water and soap. Remove any coted individuals. Dike and containing or disposal and solid diking material and wash affected skin areas pen bodies of water. | ggles, gloves). and place into ral regulations. contaminated spill with inert rial to separate with soap and |
| 7.1 | Work & Hygiene Practices: | Fight fires as for surrounding materials. Firefighters should wear a equivalent self-contained breathing apparatus (SCBA) and protect fought from a safe distance. Keep containers cool until well after the with water spray to prevent pressure build-up, auto-ignition or explose control or dilution from entering sewers, drains, drinking water supply, 6. ACCIDENTAL RELEASE MEASU Before cleaning any spill or leak, individuals involved in spill cleat Equipment. CAUTION – May be slippery if spilled. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate person Maximize ventilation (open doors and windows. Remove spilled appropriate closed container(s) for disposal. Dispose of properly in an Wash all affected areas and outside of container with plenty of was clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotect material (e.g., sand or earth). Transfer liquid to containers for recove containers for proper disposal. Remove contaminated clothing prom water. Keep spills and cleaning runoffs out of municipal sewers and on the same proper disposal. Remove contaminated clothing prom water. Keep spills and cleaning runoffs out of municipal sewers and on the same proper disposal. Store and the sewers and on the same proper disposal and direct skin contact. Wash has eating, drinking, or smoking. Good personal hygiene practices, such contaminated clothing, are recommended. | ive clothing. Fire should be a fire is out. Cool containers sion. Prevent runoff from fire or any natural waterway. RES anup must wear appropriate Personal protective equipment (e.g., go material with absorbent material accordance with local, state and federarm water and soap. Remove any coted individuals. Dike and containing or disposal and solid diking materially and wash affected skin areas pen bodies of water. | ggles, gloves). and place into ral regulations. contaminated spill with inert rial to separate with soap and uct and before |
| | | Fight fires as for surrounding materials. Firefighters should wear a equivalent self-contained breathing apparatus (SCBA) and protect fought from a safe distance. Keep containers cool until well after the with water spray to prevent pressure build-up, auto-ignition or explose control or dilution from entering sewers, drains, drinking water supply, and the supply of the supplement. 6. ACCIDENTAL RELEASE MEASU Before cleaning any spill or leak, individuals involved in spill cleat Equipment. CAUTION – May be slippery if spilled. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate person Maximize ventilation (open doors and windows. Remove spilled appropriate closed container(s) for disposal. Dispose of properly in an Wash all affected areas and outside of container with plenty of was clothing and wash thoroughly before reuse. For large spills (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotect material (e.g., sand or earth). Transfer liquid to containers for recove containers for proper disposal. Remove contaminated clothing prom water. Keep spills and cleaning runoffs out of municipal sewers and of the sum of t | ive clothing. Fire should be a fire is out. Cool containers sion. Prevent runoff from fire or any natural waterway. RES anup must wear appropriate Personal protective equipment (e.g., go material with absorbent material accordance with local, state and federm water and soap. Remove any or disposal and solid diking material and solid diking material and solid diking material side of water. ATION Indis thoroughly after using this produces as washing any skin contact areas | ggles, gloves). and place into ral regulations. contaminated spill with inert rial to separate with soap and uct and before and removing |



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| | 16. OTHER INFORMATION | | |
|------|-----------------------|---|--|
| 16.1 | Other Information: | EYE IRRITATION. Avoid breathing mist/spray plenty of soap and water. If skin irritation or rasl with water for several minutes. Remove contact | AY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS y. Wear protective gloves/ eye protection. IF ON SKIN: Wash with h occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously at lenses, if present and easy to do. Continue rinsing. If eye irritation a well-ventilated place. Keep cool. Use only as directed. |
| 16.2 | Terms & Definitions: | See last page of this Safety Data Sheet. | |
| 16.3 | Disclaimer: | government regulations must be reviewed for at knowledge, the information contained herein is completeness is not guaranteed and no warra information contained herein relates only to the | OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other pplicability to this product. To the best of ShipMate's & Granite Gold's reliable and accurate as of this date; however, accuracy, suitability or anties of any type, either expressed or implied, are provided. The specific product(s). If this product(s) is combined with other materials, Data may be changed from time to time. Be sure to consult the latest |
| 16.4 | Prepared for: | Granite Gold, Inc. 9170 Chesapeake Drive San Diego, CA 92123 USA Tel: +1 (858) 499-8933 http://www.granitegold.com/ | |
| 16.5 | Prepared by: | ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com | ShipMate Dangerous Goods Training & Consulting |



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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

| CAS No. | Chemical Abstract Service Number |
|------------|--|
| RTECS No. | Registry of Toxic Effects of Chemical Substances Number |
| EINECS No. | European Inventory of Existing Commercial Chemical Substances Number |

EXPOSURE LIMITS IN AIR:

| ACGIH | ACGIH American Conference on Governmental Industrial Hygienists | |
|-------|---|--|
| IDLH | Immediately Dangerous to Life and Health | |
| NOHSC | National Occupational Health and Safety Commission (Australia) | |
| OSHA | U.S. Occupational Safety and Health Administration | |
| PEL | Permissible Exposure Limit | |
| STEL | Short Term Exposure Limit | |
| TLV | Threshold Limit Value | |
| TWA | Time Weighted Average | |

FIRST AID MEASURES:

| CPR | Cardiopulmonary resuscitation - method in which a person whose heart has |
|-----|---|
| | stopped receives manual chest compressions and breathing to circulate blood |
| | and provide oxygen to the body. |

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

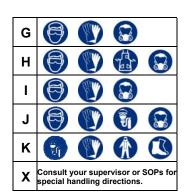
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

| 0 | Minimal Hazard | |
|---|-----------------|--|
| 1 | Slight Hazard | |
| 2 | Moderate Hazard | |
| 3 | Severe Hazard | |
| 4 | Extreme Hazard | |



PERSONAL PROTECTION RATINGS:

| Α | | | |
|---|--|--|--|
| В | | | |
| С | | 型 | |
| D | | 型 | |
| Е | | | |
| F | | The state of the s | |





OTHER STANDARD ABBREVIATIONS:

| Carc | Carcinogenic | |
|---------|--|--|
| Irrit | Irritant | |
| NA | Not Available | |
| NR | No Results | |
| ND | Not Determined | |
| NE | Not Established | |
| NF | Not Found | |
| SCBA | Self-Contained Breathing Apparatus | |
| Sens | Sens Sensitization | |
| STOT RE | STOT RE Specific Target Organ Toxicity – Repeat Exposure | |
| STOT SE | Specific Target Organ Toxicity – Single Exposure | |

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

| FLAMMABILITY LIMITS IN AIR: | |
|-----------------------------|---|
| Autoignition Temperature | Minimum temperature required to initiate combustion in air with no other source of ignition |
| LEL | Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source |
| UEL | Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source |

HAZARD RATINGS:

| 0 | Minimal Hazard | FLAMMABILITY |
|---------|-----------------|--------------------|
| 1 | Slight Hazard | |
| 2 | Moderate Hazard | REACTIVITY |
| 3 | Severe Hazard | |
| 4 | Extreme Hazard | |
| ACD | Acidic | |
| ALK | Alkaline | |
| COR | Corrosive | / \ \ \ \ \ |
| W | Use No Water | HEALTH |
| ОХ | Oxidizer | SPECIAL |
| TREFOIL | Radioactive | PRECAUTIONS |

TOXICOLOGICAL INFORMATION:

| LD ₅₀ | Lethal Dose (solids & liquids) which kills 50% of the exposed animals |
|--|---|
| LC ₅₀ | Lethal concentration (gases) which kills 50% of the exposed animal |
| ppm | Concentration expressed in parts of material per million parts |
| TD _{Io} | Lowest dose to cause a symptom |
| TCLo | Lowest concentration to cause a symptom |
| TD _{Io} , LD _{Io} , & LD _o or | Lowest dose (or concentration) to cause lethal or toxic effects |
| TC, TC _o , LC _{io} , & LC _o | |
| IARC | International Agency for Research on Cancer |
| NTP | National Toxicology Program |
| RTECS | Registry of Toxic Effects of Chemical Substances |
| BCF | Bioconcentration Factor |
| TL _m | Median threshold limit |
| log K _{ow} or log K _{oc} | Coefficient of Oil/Water Distribution |

REGULATORY INFORMATION:

| WHMIS | Canadian Workplace Hazardous Material Information System | |
|-------|--|--|
| DOT | U.S. Department of Transportation | |
| TC | Transport Canada | |
| EPA | U.S. Environmental Protection Agency | |
| DSL | Canadian Domestic Substance List | |
| NDSL | NDSL Canadian Non-Domestic Substance List | |
| PSL | PSL Canadian Priority Substances List | |
| TSCA | TSCA U.S. Toxic Substance Control Act | |
| EU | European Union (European Union Directive 67/548/EEC) | |
| WGK | Wassergefährdungsklassen (German Water Hazard Class) | |

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

| 0 | ® | | (2) | Θ | (%) | | |
|------------|-----------|-----------|------------|------------|------------|-----------|----------|
| Class A | Class B | Class C | Class D1 | Class D2 | Class D3 | Class E | Class F |
| Compressed | Flammable | Oxidizing | Toxic | Irritation | Infectious | Corrosive | Reactive |

CLP/GHS (1272/2008/EC) PICTOGRAMS:

| | ③ | | \Diamond | | | \Diamond | | * |
|-----------|-----------|----------|-------------|-----------|-------|-----------------------|------------------|-------------|
| GHS01 | GHS02 | GHS03 | GHS04 | GHS05 | GHS06 | GHS07 | GHS08 | GHS09 |
| Explosive | Flammable | Oxidizer | Pressurized | Corrosive | Toxic | Harmful Irritating | Health Hazard | Environment |