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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 1/28/2018 SDS Revision: 4.4 1. PRODUCT & COMPANY IDENTIFICATION 1.1 Product Name: **GRANITE GOLD DAILY CLEANER GRANITE GOLD DAILY CLEANER WIPES** Chemical Name: 1.2 Aqueous Solution 13 Synonyms GG0173; GG0045; GG0048; GG0040; GG0032, GG0057 14 Trade Names: Granite Gold Daily Cleaner (207-006000-1); Granite Gold Daily Cleaner Wipes 1.5 Product Use: Cleaner 1.6 Distributor's Name: Granite Gold, Inc. 17 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 not classified as a HAZARDOUS SUBSTANCE or as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). This product is NOT classified as hazardous according to the OSHA 2012 Hazardous Communication 2012 final rule WARNING! HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. Classification: Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 22 Label Elements: Hazard Statements (H): H302 - Harmful if swallowed. H315 - Causes skin irritation. H319 -Causes serious eye irritation. H336 – May cause drowsiness or dizziness. Precautionary Statements (P): P261 - Avoid breathing mist/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves. P301+P312 - IF SWALLOWED: call a POISON CENTER/doctor. P330 - Rinse mouth. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment: see section 4 of this Safety Data Sheet. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persist: Get medical advice/attention. P362 - Take off contaminated clothing and wash before reuse. P403+233 - Store in a well-ventilated place. Keep container tightly closed. 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. Aqueous solution. KEEP OUT OF REACH OF CHILDREN. 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) ACGIH NOHSC OSHA ppm ppm ppm FS. ES-ES-EINECS No. TLV STEL PEL STEL IDLH CHEMICAL NAME(S) RTECS No. PEAK OTHER CAS No. TWA STEL 7732-18-5 ZC0110000 231-191-2 60-100 NA NA NA NA NF NF NF NA WATER NA NA NA 1-10 NA NA NF NF NF NA NA NA PROPRIETARY INGREDIENTS NA NA NA 0.0-0.1 NA NA NF NF NF NA NA NA **FRAGRANCE** 4. FIRST AID MEASURES 4 1 First Aid: DO NOT INDUCE VOMITING. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Ingestion: 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. Remove victim to fresh air at once. If breathing is difficult, administer supplemental oxygen and seek Inhalation: immediate medical attention. If breathing stops, perform artificial respiration. Effects of Exposure: 4.2 If product is swallowed, may cause nausea, vomiting and/or diarrhea. Ingestion: This product can cause transient mild eye irritation with short-term contact with liquid sprays or mists. Eyes: This product can cause mild, transient skin irritation with short-term exposure. Skin: Inhalation: Exposure may cause respiratory tract irritation in some sensitive individuals



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|------------|-------------------------------------|---|------------------------------------|----------------------------------|---|-----------------------------------|---|------------------------------------|--------------------------------------|---------------------------------------|---------------------|----------|
|            |                                     | 4. FIRST A  | ID MI                              | =ASU                             | RFS –                                     | cont'                             | d   |                                    |                                      |                                       |                     |          |
| 4.3        | Symptoms of Overexposure:           |   |                                    |                                  |   |                                   |   | of skin.                           | The produ                            | uct can                               | cause alle          | eraio    |
|            |                                     | 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 ey  | yes may                            | cause                            | redness, it                               | ching a                           | ınd waterii                               | ng (risk                           |                                      | ıs dan                                | nage to ey          | yes)     |
| 4.4        | Acute Health Effects:               | Contact may cause serious eye irritation including stinging, watering, redness.  Moderate irritation to eyes. Moderate irritation to skin near affected areas. Acute health hazards may be delayed. Most common symptoms include irritating proporties to eyes required by eyestern and skin  |                                    |                                  |   |                                   |   |                                    |                                      |                                       |                     |          |
| 4.5        | Chronic Health Effects:             | common symptoms include irritating properties to eyes, respiratory system and skin.  No harmful or chronic health effects are expected to occur from a single accidental ingestion. These ingredients may b irritating to skin and mucous membrane of the eye and respiratory system. Overexposure may trigger asthma-lik symptoms in some sensitive individuals. May also induce skin sensitization and respiratory hypersensitivity. Possible |                                    |                                  |   |                                   |   |                                    |                                      |                                       |                     |          |
|            |                                     | allergic dermatitis.  | iuuais.                            | iviay aisc                       | illuuce ski                               | iii seiisi                        | lization an                               | u respira                          | атогу пурс                           | 51361131                              | livity. Fos         | SID      |
| 1.6<br>1.7 | Target Organs:  Medical Conditions  | Eyes, Skin.  Pre-existing dermatitis, other skin  | condition                          | ne and                           | disorders                                 | of the                            | HEALT!                                    |                                    |                                      |                                       |                     |          |
| .,         | Aggravated by Exposure:             | target organs (eyes, skin, and resp   |                                    |                                  |   |                                   | HEALT!                                    |                                    | v                                    |                                       | 1<br>0              |          |
|            |                                     | function may be more susceptible to the effects of this substance.  |                                    |                                  | ce.                                       | PHYSIC                            |   |                                    |                                      |                                       |                     |          |
|            |                                     |   |                                    |                                  |   |                                   |   |                                    | EQUIPM                               | ENIT                                  | 0<br>A              |          |
|            |                                     |   |                                    |                                  |   |                                   | EYES                                      | SKIN                               |                                      | I EIN I                               | ^                   | 1        |
|            |                                     | 1   |                                    |                                  |   |                                   | 1 - 1 - 2                                 |                                    | - 1                                  |                                       | l                   |          |
|            |                                     | 5. FIREF  | IGHT                               | ING N                            | /IEASUI                                   | RES                               |   |                                    |                                      |                                       |                     |          |
| 5.1        | Fire & Explosion Hazards:           | Will not burn, but decomposition, increase the explosive limit range and thermal decomposition, oxidat in health hazards  | and burn                           | ing rate                         | of flammábl                               | e vapor                           | s. As a re                                | sult of co                         | ombustior                            | ı                                     |                     |          |
| 5.2        | Extinguishing Methods:              | Foam, CO <sub>2</sub> , Water Fog or Dry Che  | mical                              |                                  |   |                                   |   |                                    |                                      |                                       | 1                   |          |
| 5.3        | Firefighting Procedures:            | Fight fires as for surrounding ma<br>equivalent self-contained breathir<br>fought from a safe distance. Kee<br>with water spray to prevent press<br>control or dilution from entering se  | ng appai<br>p contair<br>ure build | ratus (Soners cool<br>l-up, auto | CBA) and<br>until well a<br>o-ignition or | protection<br>ofter the<br>explos | ve clothing<br>fire is out<br>sion. Preve | g. Fire s<br>. Cool c<br>nt runoff | should be<br>containers<br>from fire | :                                     |                     |          |
|            |                                     | 6. ACCIDENT   | AL R                               | ELEA                             | SE ME                                     | ASUI                              | RES                                       |                                    |                                      |                                       |                     |          |
| 6.1        | Spills:                             | Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. <b>CAUTION – may be slippery if spilled.</b>  |                                    |                                  |   |                                   |   |                                    |                                      |                                       |                     |          |
|            |                                     | For <u>small spills</u> (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equil Maximize ventilation (open doors and windows. Remove spilled material with absorption appropriate closed container(s) for disposal. Dispose of properly in accordance with local Wash all affected areas and outside of container with plenty of warm water and soal clothing and wash thoroughly before reuse.                                   |                                    |                                  |   |                                   |   | rbent ma<br>I, state ar<br>o. Remo | iterial and fede<br>ove any          | and place<br>ral regulati<br>contamin | int<br>ions<br>nate |          |
|            |                                     | For <u>large spills</u> (e.g., ≥ 1 gallon material (e.g., sand or earth). Tra containers for proper disposal. F water. Keep spills and cleaning ru  | nsfer liqu<br>Remove o             | uid to cor<br>contamin           | ntainers for ated clothir                 | recovering prom                   | ry or dispon<br>optly and w               | sal and s<br>vash affe             | solid dikin<br>ected skin            | g mate                                | rial to sepa        | ara      |
|            |                                     | 7. HANDLING   | & STO                              | DRAG                             | E INFO                                    | RMA                               | TION                                      |                                    |                                      |                                       |                     |          |
| 7.1        | Work & Hygiene Practices:           | Use normal hygiene practices. Avoid direct skin contact. Wash hands thoroughly after using this product and befo eating, drinking, or smoking. Good personal hygiene practices, such as washing any skin contact areas and removir contaminated clothing, are recommended.  |                                    |                                  |   |                                   |   |                                    |                                      |                                       |                     |          |
| 7.2        | Storage & Handling:                 | Keep away from sources of heat.   |                                    |                                  |   |                                   |   |                                    |                                      |                                       |                     |          |
| 7.3        | Special Precautions:                | Follow all instructions on product reach of children.   | label. ł                           | Keep cor                         | ntainer clos                              | ed whe                            | n not in us                               | se. Kee                            | p this and                           | d all ch                              | nemicals o          | ut o     |
|            |                                     | 8. EXPOSURE CONT  | ROLS                               | & PE                             | RSON                                      | AL PI                             | ROTEC                                     | TION                               | Ī                                    |                                       |                     |          |
| .1         | Exposure Limits:                    |   | AC                                 |                                  |   | NOHSC                             | 1   |                                    | OSHA                                 |                                       | OTHER               |          |
|            | ppm (mg/m³)                         | CHEMICAL NAME(S)  | TLV                                | STEL                             | ES-TWA                                    | ES-<br>STEL                       | ES-<br>PEAK                               | PEL                                | STEL                                 | IDLH                                  |                     |          |
| 2.2        | Ventilation & Engineering           | ISOPROPANOL   | 200                                | 400                              | 200                                       | 500                               | NF  | 400                                | 500                                  | 2000                                  | 400 T\              |          |
| 3.2        | Ventilation & Engineering Controls: | Not required under normal condi exhaust ventilation).   | tions of                           | use. U                           | se with ade                               | equate                            | ventilation                               | (e.g., o                           | pen door                             | s and                                 | windows,            | IOC      |
| 3.3        | Respiratory Protection:             | Not required under normal condition   | ons of us                          | е.                               |   |                                   |   |                                    |                                      |                                       |                     |          |
| 3.4        | Eye Protection:                     | Avoid eye contact. Use approved safety glasses or goggles. Use equipment for eye protection tested  |                                    |                                  |   |                                   |   |                                    |                                      |                                       |                     |          |
|            | ,                                   | and approved under appropriate go   |                                    |                                  |   |                                   |   |                                    |                                      |                                       | G                   | )        |



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|--|---|---|
|  |   | EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd  |
| 8.5  | Hand Protection:  | If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.   |
| 8.6  | Body Protection:  | Not required under normal conditions of use. Use appropriate protective equipment (e.g., apron) as necessary to prevent or reduce exposure if frequent or prolonged contact is expected.  |
|  |   | 9. PHYSICAL & CHEMICAL PROPERTIES   |
| 9.1  | Appearance:   | Clear to slightly hazy liquid   |
| 9.2  | Odor:   | Lemon citrus fragrance  |
| 9.3  | Odor Threshold:   | NA NA   |
| 9.4  | pH:   | 7.0-8.0   |
| 9.5  | Melting Point/Freezing Point:   | NA NA   |
| 9.6  | Initial Boiling Point/Boiling   | 100 °C (212 °F) @ 760 mm Hg   |
| 9.7  | Range:<br>Flashpoint:   | > 121.11 °C (> 250 °F)  |
| 9.8  | Upper/Lower Flammability  | · · · · ·   |
|  | Limits:   | ND  |
| 9.9  | Vapor Pressure:   | < 30  |
| 9.10   | Vapor Density:  | NA  |
| 9.11   | Relative Density:   | 1.000 @ 25°C (77°F)   |
| 9.12   | Solubility:  Partition Coefficient (log P <sub>ow</sub> ):  | Complete NA   |
| 9.13   | Autoignition Temperature:   | NA NA   |
| 9.15   | Decomposition Temperature:  | NA NA   |
| 9.16   | Viscosity:  | NA NA   |
| 9.17   | Other Information:  | 0.49% VOC   |
| 0  | outor information.  | 1 0.45 % VOC  |
|  |   | 10. STABILITY & REACTIVITY  |
| 10.1   | Stability:  | Stable under normal conditions of use.  |
| 10.2   | Hazardous Decomposition Products:   | Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).  |
| 10.3   | Hazardous Polymerization:   | Will not occur.   |
| 10.4   | Conditions to Avoid:  | Strong oxidizers.   |
| 10.5   | Incompatible Substances:  | Strong oxidizing agents, strong acids and bases.  |
|  |   | <u></u>   |
|  |   | 11. TOXICOLOGICAL INFORMATION   |
|  |   | 11. TOXICOLOGICAL INI OKNIATION   |
| 11.1   | Routes of Entry:  | Inhalation: YES Absorption: YES Ingestion: NO   |
| 11.2   | Toxicity Data:  | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  |
| 11.2   | Toxicity Data:  Acute Toxicity:   | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4   |
| 11.2<br>11.3<br>11.4   | Toxicity Data:  Acute Toxicity: Chronic Toxicity:   | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  |
| 11.2<br>11.3<br>11.4<br>11.5                                 | Toxicity Data:  Acute Toxicity: Chronic Toxicity: Suspected Carcinogen:   | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC.  |
| 11.2<br>11.3<br>11.4   | Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity:  | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by  |
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| 11.2<br>11.3<br>11.4<br>11.5                                 | Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity:  | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC.  This product is not reported to produce reproductive toxicity in humans.  This product is not reported to produce mutagenic effects in humans.  This product is not reported to produce embryotoxic effects in humans.  |
| 11.2<br>11.3<br>11.4<br>11.5                                 | Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity:  | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC.  This product is not reported to produce reproductive toxicity in humans.  This product is not reported to produce mutagenic effects in humans.  This product is not reported to produce embryotoxic effects in humans.  This product is not reported to produce teratogenic effects in humans.  |
| 11.2<br>11.3<br>11.4<br>11.5                                 | Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity: Reproductive Toxicity:   | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC.  This product is not reported to produce reproductive toxicity in humans.  This product is not reported to produce mutagenic effects in humans.  This product is not reported to produce embryotoxic effects in humans.  This product is not reported to produce teratogenic effects in humans.  This product is not reported to produce reproductive effects in humans.  This product is not reported to produce reproductive effects in humans.  |
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| 11.2<br>11.3<br>11.4<br>11.5<br>11.6                         | Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity: Reproductive Toxicity: Irritancy of Product: Biological Exposure Indices:                            | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC.  This product is not reported to produce reproductive toxicity in humans.  This product is not reported to produce mutagenic effects in humans.  This product is not reported to produce embryotoxic effects in humans.  This product is not reported to produce teratogenic effects in humans.  This product is not reported to produce reproductive effects in humans.  This product is not reported to produce reproductive effects in humans.  See Section 4.2  NE   |
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| 11.2<br>11.3<br>11.4<br>11.5<br>11.6<br>11.7<br>11.8<br>11.9 | Acute Toxicity: Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity: Reproductive Toxicity: Irritancy of Product: Biological Exposure Indices: Physician Recommendations: | Inhalation: YES Absorption: YES Ingestion: NO  This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document. This product is neither a primary eye nor primary skin irritant per Federal Hazardous Substances Act (FHSA) regulations.  See Section 4.4  See Section 4.5  This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as Group 3 carcinogen by IARC.  This product is not reported to produce reproductive toxicity in humans.  This product is not reported to produce mutagenic effects in humans.  This product is not reported to produce embryotoxic effects in humans.  This product is not reported to produce teratogenic effects in humans.  This product is not reported to produce teratogenic effects in humans.  This product is not reported to produce reproductive effects in humans.  This product is not reported to produce teratogenic effects in humans.  See Section 4.2  NE  Treat symptomatically.  The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows:  Isopropyl Alcohol: Log K <sub>OW</sub> = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-  |



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 4.4 SDS Revision Date: 1/28/2018 13. DISPOSAL CONSIDERATIONS 13.1 Waste Disposal: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Special Considerations: 13.2 NA 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND): **NOT REGULATED** 14.2 IATA (AIR): **NOT REGULATED** IMDG (OCN): 14.3 **NOT REGULATED** TDGR (Canadian GND): 14.4 **NOT REGULATED** 14.5 ADR/RID (EU) NOT REGULATED SCT (MEXICO): 14.6 NOT REGULATED ADGR (AUS): 14.7 NOT REGULATED 15. REGULATORY INFORMATION This product contains Isopropanol, a substance subject to SARA Title III, section 313 reporting requirements 15.1 SARA Reporting Requirements: 152 SARA TPO: There are no specific Threshold Planning Quantities for the components of this product. TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. 15.3 15.4 CERCLA Reportable Quantity: NA 15.5 Other Federal Requirements: This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. (WHMIS D2B - Other Toxic Effects) 15.7 State Regulatory Information: No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov 15.8 Other Requirements: NA 16. OTHER INFORMATION 16.1 Other Information: WARNING! HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. CAUTION - MAY BE SLIPPERY IF SPILLED. Wash exposed skin areas thoroughly with soap and water after handling. Avoid eye contact. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If skin irritation or a rash occurs - Get medical advice/attention. Store in a well-ventilated place. Keep cool. Use only as directed. KEEP OUT OF REACH OF CHILDREN. Terms & Definitions: 16.2 See last page of this Safety Data Sheet. Disclaimer: 16.3 This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Granite Gold's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition Prepared for: 16.4 Granite Gold, Inc. 9170 Chesapeake Drive

> San Diego, CA 92123 USA Tel: +1 (858) 499-8933 http://www.granitegold.com/



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 4.4

SDS Revision Date: 1/28/2018

16.5 Prepared by:

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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

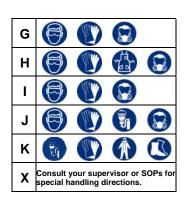
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



#### PERSONAL PROTECTION RATINGS:

| Α |  |   |  |
|---|--|---|--|
| В |  |   |  |
| С |  |   |  |
| D |  | 型 |  |
| Е |  |   |  |
| F |  | 型 |  |





#### OTHER STANDARD ABBREVIATIONS:

| Carc    | Carcinogenic   |  |
|---------|--|--|
| Irrit   | Irritant   |  |
| NA      | 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<br>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         | <b>1 2</b>         |
| ALK               | Alkaline       |                    |
| COR               | Corrosive      | / <b>\ \</b> \ \ \ |
| W                 | Use No Water   | HEALTH             |
| ОХ                | Oxidizer       | SPECIAL            |
| TREFOIL           | Radioactive    | PRECAUTIONS        |

#### TOXICOLOGICAL INFORMATION:

| LD <sub>50</sub>   | Lethal Dose (solids & liquids) which kills 50% of the exposed animals |
|--|---|
| LC <sub>50</sub>   | Lethal concentration (gases) which kills 50% of the exposed animal    |
| ppm  | Concentration expressed in parts of material per million parts        |
| TD <sub>lo</sub>   | Lowest dose to cause a symptom  |
| TCLo   | Lowest concentration to cause a symptom                               |
| TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or | Lowest dose (or concentration) to cause lethal or toxic effects       |
| TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub> |   |
| 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 <sub>ow</sub> or log K <sub>oc</sub>                 | Coefficient of Oil/Water Distribution                                 |

#### REGULATORY INFORMATION:

| WHMIS               | Canadian Workplace Hazardous Material Information System |  |
|---------------------|--|--|
| DOT                 | OOT U.S. Department of Transportation                    |  |
| TC Transport Canada |  |  |
| EPA                 | U.S. Environmental Protection Agency                     |  |
| DSL                 | Canadian Domestic Substance List                         |  |
| NDSL                | Canadian Non-Domestic Substance List                     |  |
| PSL                 | Canadian Priority Substances List                        |  |
| 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          | <b>®</b>  |           | <b>(2)</b> | $\Theta$   | (%)        |           |          |
|------------|-----------|-----------|------------|------------|------------|-----------|----------|
| 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:

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