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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 8/2/2023

|       |   | 1.   | PRODUCT  | & COMF   | <u>PAN</u> Y I   | DENTI  | <u>FIC</u> A   | <u> </u>  | <u> </u>   |   |   |   |   |
|-------|---|--|--|--|--|--|--|---|--|---|---|---|---|
| .1    | Product Name:   | CAIG B   | rand SCREE   | N CLEA   | NER.   | P/N C  | CS-50  | 3)  |  |   |   |   |   |
| .2    | Chemical Name:  | NA   |  |  | ,  |  |  |   |  |   |   |   |   |
| .3    | Synonyms:   | CAIG Brand Screen Cleaner  |  |  |  |  |  |   |  |   |   |   |   |
| 4     | Trade Names:  | CAIG Brand Screen Cleaner (CCS-503 and CCS-503-1G)   |  |  |  |  |  |   |  |   |   |   |   |
| 5     | Product Use:  | Electronics Cleaner  |  |  |  |  |  |   |  |   |   |   |   |
| .6    | Distributor's Name:   | CAIG Labor   |  |  |  |  |  |   |  |   |   |   |   |
| .7    | Distributor's Address:                                      | 12200 Thatcher Court, Poway, CA 92064-6876 USA   |  |  |  |  |  |   |  |   |   |   |   |
| .8    | Emergency Phone:  | CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN205206)  |  |  |  |  |  |   |  |   |   |   |   |
| .9    | Business Phone / Fax:                                       | +1 (800) 22  | 4-4123   |  |  |  |  |   |  |   |   |   |   |
|       |   |  | 2 ⊔∧:  | ZARDS II   | DENTI  | EICATI   | ΟN   |   |  |   |   |   |   |
| .1    | Hazard Identification:                                      | This produc  | et is NOT classifie  |  |  |  |  | r ac D  | ANCE   | DOI 18  | 600   | DS 200  | cording to f  |
|       |   |  | n criteria of NOHS(  |  |  |  |  |   | ANGE   | KUUS  | GOO   | DS acc  | coluing to i  |
|       |   |  | CAUSES EYE IR  |  | ) and ADC  | 3 () 0000 (  | iotrana).  |   |  |   |   |   |   |
|       |   |  | n: Eye Irrit. 2B   |  |  |  |  |   |  |   |   |   |   |
| 2     | Label Elements:   |  | ements (H): H320   | – Causes eye   | irritation.  |  |  |   |  |   |   |   |   |
|       |   |  | ry Statements (P):   |  |  |  |  |   |  |   |   |   |   |
|       |   |  | e cautiously with w  |  |  |  |  |   |  |   |   | У   |   |
| 1.3   | Other Warnings:   |  | inue rinsing. P337   |  | e irritation   | persists: C  | et medi  | cal adv   | ice/atte   | ention.   |   |   |   |
| .5    | Other Warnings.   | KEEPOUI  | OF REACH OF CI   | HILDREN.   |  |  |  |   |  |   |   |   |   |
|       |   | 3. 0   | OMPOSITIO  | N & ING  | REDIE  | NT IN  | FORM   | ΙΑΤΙ  | ON   |   |   |   |   |
|       |   |  |  |  |  |  |  |   |  | MITS IN   | AIR (mg   | /m³)  |   |
|       |   |  |  |  |  | ACGIH  |  | NOHSC   | ;  |   | OSHA  |   |   |
|       |   |  |  |  |  | ppm  |  | ppm   |  |   | ppm   |   |   |
| ЕМ    | CAL NAME(S)   | CAS No.  | RTECS No.  | EINECS No.   | %  | TLV ST   | ES-<br>EL TWA  | ES-<br>STEL   | ES-<br>PEAK  | PEL   | STEL  | IDLH  | OTHER   |
| АТЕ   |   | 7732-18-5  |  | 231-191-2  | 60-100   | NE NI  |  | NF  | NF   | NE  | NE  | NE  |   |
| A 1 1 | .rx   |  |  |  |  |  |  |   |  |   |   |   |   |
|       |   |  |  | T  | 1  | , ,  |  |   |  |   | 1   |   | 1   |
| ROF   | RIETARY MIXTURE   | NA<br>Fire limit 0   | NA<br>D. 11222   | NA   | NA   | NA N   | A NF   | NF  | NF   | NA  | NA  | NA  |   |
| ROF   | RIETARY MIXTURE   | NA<br>Eye Irrit. 2   |  | NA   | NA   | NA N   | A NF   | NF  | NF   | NA  | NA  | NA  |   |
| ROF   | RIETARY MIXTURE   |  | B; H320  |  | •  |  | •  | NF  | NF   | NA  | NA  | NA  |   |
|       |   | Eye Irrit. 2   | B; H320<br><b>4. F</b>   | IRST AIL   | ) MEA  | SURES  | <b>.</b>   |   |  |   |   |   | water or m  |
| ROF   | RIETARY MIXTURE  First Aid:                                 |  | B; H320 <b>4.</b> F  If ingested, do   | IRST AIL   | O MEA  | SURES  | t has be   | een sw  | vallowe  | ed, dri   | nk ple  | nty of  | water or m  |
|       |   | Eye Irrit. 2   | B; H320<br><b>4. F</b>   | IRST AID not induce voil the patient   | O MEA  | SURES  If producing, continu   | t has be   | een sw<br>er water  | vallower or mi   | ed, dri<br>lk. Ne   | nk ple  | nty of<br>/e wate   | r or milk to  |
|       |   | Eye Irrit. 2   | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the  | rir AIE not induce v If the patient son. Contact   | O MEA  | SURES  If producing, continuest Poison   | t has been to offee Control  | een sw<br>er water<br>Center  | vallower or mil  | ed, dri<br>lk. Ne<br>al eme   | nk ple  | nty of<br>e wate  | r or milk to<br>er. Provide   |
|       |   | Eye Irrit. 2   | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed.   | IRST AII not induce v If the patient son. Contact time at whic   | O MEA<br>romiting.<br>t is vomiting<br>the neare<br>the the ma   | SURES If producing, continuest Poison terial was   | t has been to offee Control ingeste  | een sw<br>er water<br>Center<br>d and   | vallower or mile or locathe ar   | ed, dri<br>lk. Ne<br>al eme<br>nount  | nk ple<br>ever givergency<br>of the   | nty of<br>ve wate<br>number<br>substa   | r or milk to<br>er. Provide<br>ance that w  |
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|       | First Aid:  Effects of Exposure:                            | Eye Irrit. 2  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion: Eyes:   | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no water for at least Wash thoroughly least 15 minutes Remove victim to artificial respiration of the swallowed. If product is swall moderately irrital watering. May be irritating some sensitive in None expected. Nausea, intesting Overexposure in   | right and the patient son. Contact time at which the patient son. Contact time at which the patient son. Contact time at which the patient son. It is a part of the patient son. It is a part of the patient son.  | o MEA romiting. It is vomiting to it the nearest the man ever, if profiting uppend water. In the man ever, if broken is on warm ause nauses. Symptoproduct of the control o | SURES  If producing, continuitiest Poison terial was poduct gets and lower in case of eathing difference and cause and/or diameters, itching   | t has been to offee Control ingester in the or lids, occontact, ficult, ad get meaning and/overexpossible allergic second and wat and wat  | een swer water Center d and eyes, flocasiona immedi immedi iministe dical attor diarrhsure maskin reaering.                                   | vallower or mile or locathe ar lush wally. iately fer oxygention. nea. ay inclused actions   | ed, dri<br>lk. Ne<br>al eme<br>nount<br>ith cop<br>lush sl<br>en. If<br>ude re<br>(e.g.,  | nk pleever givergency of the pious a kin with breath edness,                          | nty of ye water number substantian plenty inching stop itchings, welts                                    | r or milk to er. Provide ance that w es of lukewa of water for es give , irritation a , dermatitis)                                     |
| .1    | First Aid:  Effects of Exposure:                            | Eye Irrit. 2  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion:   | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no water for at least Wash thoroughly least 15 minutes Remove victim to artificial respirational of the symbol o | right and the patient son. Contact time at which the patient son. Contact time at which the patient son. It is a son to the patient son the pa | o MEA  romiting t is vomiting t it he neare th the ma ever, if profiting uppe d water.  once. If br son warm ause naus es. Symp product of vomiting a use redne ure may in   | SURES  If producting, continuities Poison terial was poduct gets and lower in case of eathing different and communities of order and communities and/or diams, itching include red   | t has been to offee to offee Control ingeste in the contact, ficult, adget mechang and/owerexpostallergic states and watness, ito  | een swer water Center d and eyes, flocasiona immedi liministe dical attor diarrhsure maskin readering.  | vallower or mile or locathe ar lush wally. lately fer oxygention. area. ay inclustrations  | ed, dri<br>lk. Ne<br>al eme<br>nount<br>ith cop<br>lush sl<br>en. If<br>ude re<br>(e.g.,  | nk pleever givergency of the pious a kin with breath rashes                           | nty of ye water number substate amounts n plenty ing stop itching s, welts                                | r or milk to er. Provide ance that w es of lukewa of water for es give  , irritation a , dermatitis) eas. Frostt                        |
| .1    | First Aid:  Effects of Exposure:                            | Eye Irrit. 2  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion: Eyes:   | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no water for at least Wash thoroughly least 15 minutes Remove victim to artificial respiration of the swallowed. If product is swall moderately irrital watering. May be irritating some sensitive in None expected. Nausea, intesting Overexposure in   | right and the patient son. Contact time at which the patient son. Contact time at which the patient son. It is a son to the patient son the pa | o MEA  romiting t is vomiting t it he neare th the ma ever, if profiting uppe d water.  once. If br son warm ause naus es. Symp product of vomiting a use redne ure may in   | SURES  If producting, continuities Poison terial was poduct gets and lower in case of eathing different and communities of order and communities and/or diams, itching include red   | t has been to offee to offee Control ingeste in the contact, ficult, adget mechang and/owerexpostallergic states and watness, ito  | een swer water Center d and eyes, flocasiona immedi liministe dical attor diarrhsure maskin readering.  | vallower or mile or locathe ar lush wally. lately fer oxygention. area. ay inclustrations  | ed, dri<br>lk. Ne<br>al eme<br>nount<br>ith cop<br>lush sl<br>en. If<br>ude re<br>(e.g.,  | nk pleever givergency of the pious a kin with breath rashes                           | nty of ye water number substate amounts n plenty ing stop itching s, welts                                | r or milk to er. Provide ance that w es of lukewa of water for es give  , irritation a , dermatitis) eas. Frostt                        |
| .1    | First Aid:  Effects of Exposure:                            | Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin:  | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no water for at least Wash thoroughly least 15 minutes Remove victim to artificial respirational of the symbol of the symbol of the symptoms of sk like symptoms. individuals.   | right and the patient son. Contact time at which the patient son. Contact time at which the patient son. It is a son to the patient son the pa | o MEA  romiting t is vomiting t its vomiting t the neare the the ma ever, if profiting uppe d water.  once. If br son warm ause naus es. Symp product of vomiting a use redne ure may in can caus  | SURES  If producting, continuities Poison terial was poduct gets and lower in case of a quiet and sea, vomition to the case of | t has been to offee to offee Control ingeste in the critical ride, occontact, ficult, adget mechang and/overexpossible allergic strikes.   | een swer water Center d and eyes, flocasiona immedi liministe dical attor diarrhsure maskin readering. ching, actions                         | vallower or mile or local the area lush wally. In content on the content of the c | ed, dri<br>lk. Ne<br>al eme<br>nount<br>ith cop<br>lush sl<br>en. If<br>ude re<br>(e.g.,  | nk pleever givergency of the pious a kin with breath edness, rashes of affees, welts  | nty of ye water number substantian plenty ing stop itching s, welts cted arms, derm                       | r or milk to er. Provide ance that w s of lukewa of water for es give , irritation a , dermatitis) eas. Frostt atitis) in so            |
| 2     | First Aid:  Effects of Exposure:  Symptoms of Overexposure: | Eye Irrit. 2  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Ingestion: Eyes: Non-irritatin | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no water for at least Wash thoroughly least 15 minutes Remove victim to artificial respiration of the symbol of the symbol of the symbol of the symptoms of sklike symptoms.   | IRST AIE  Interpretation of the patient son. Contact time at which the patient son. Contact time at which the patient son. It is a son to the part of the patient son. Keep per of the patient son. Keep per of the patient son the patient so | D MEA  Tomiting It is vomiting upper It is vomiting upper It is vomiting upper It is vomiting a  It | SURES  If product ng, continuest Poison terial was oduct gets r and lowe in case of eathing diff quiet and sea, vomition of or an cause and/or diari ss, itching nelude red are allergic itation to o  | t has been to offee to offee Control ingeste in the or lids, occontact, ficult, adget mediang and/overexpossible allergic stream and watness, itc skin reaeves and eyes and ey | een swer water Center d and eyes, flocasiona immedi lministe dical attor diarrhsure maskin readering. ching, actions d skin                   | vallower or mil or loca the ar lush wally. lately fer oxygention. area. ay inclustrations and irrit (e.g.,   | ed, dri<br>lk. Ne<br>al eme<br>nount<br>ith cop<br>lush sl<br>en. If<br>ude re<br>(e.g.,  | nk pleever givergency of the pious a kin with breath edness, rashes of affees, welts  | nty of ye water number substantian plenty ing stop itching s, welts cted arms, derm                       | r or milk to er. Provide ance that w s of lukewa of water for es give , irritation a , dermatitis) eas. Frostt atitis) in so            |
| 2     | First Aid:  Effects of Exposure:  Symptoms of Overexposure: | Eye Irrit. 2  Ingestion:  Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Skin: Inhalation: Eyes: Non-irritatin concentratic Non-irritatin         | B; H320  4. F  If ingested, do IMMEDIATELY. unconscious per estimate of the swallowed. Splashes are no water for at least Wash thoroughly least 15 minutes Remove victim to artificial respirational of the symptomes of skeeping. May be irritating some sensitive in None expected. Nausea, intesting. Overexposure in Symptoms of skeeping when used as of the symptomes individuals.   | IRST AIE  If the patient son. Contact time at which time at the time at time a | o MEA  romiting t is vomiting t is vomiting t the man ever, if profiting uppe and water.  once. If brown ause naus es. Symp product of vomiting a use redne ure may in can caus derate irress, dizzir rexposure  | SURES  If product ng, continuest Poison terial was oduct gets r and lowe in case of eathing diff quiet and sea, vomitin otoms of or an cause and/or diari ss, itching nclude red ite allergic itation to oness, head may trigg   | t has been to offee to offee Control ingester in the process of the contact, and get mechang and/owerexposs allergic states with the contact, and watter skin reactions are asthmetically and the contact of the contact | een swer water Center d and eyes, flocasiona immedial ministe dical attor diarrhsure maskin reasering. Ching, a actions d skin ad nausna-like | vallower or locathe ar lush wally. lately fer oxygention. ara ara inclinations and irrifuses. In ear a sea. sympto   | ed, drilk. Neal emenount ith coplush sleen. If ude re (e.g., tation rashes affecte oms ir | nk pleever givergency of the pious a kin with breath edness, of affees, welts ad area | nty of ye water number substantian plenty ing stop itching stop stop itching stop cted arms, derminas. Ad | r or milk to er. Provide ance that ves of lukewar of water for es give  , irritation and derivative derivative eas. Frost atitis) in so |



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 8/2/2023 4. FIRST AID MEASURES - cont'd Target Organs Eyes, Skin 4.7 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the **HEALTH** 1 Aggravated by Exposure: target organs (eyes, skin). **FLAMMABILITY** 0 0 **PHYSICAL HAZARDS** PROTECTIVE EQUIPMENT В **EYES** SKIN 5. FIREFIGHTING MEASURES Fire & Explosion Hazards: This product is not flammable. However, if involved in a fire, this product may decompose at high 5.1 temperatures to form toxic gases (e.g., CO,CO<sub>x</sub>). Extinguishing Methods: 5.2 Water, Foam, CO<sub>2</sub>, Dry Chemical. Use water spray to cool unopened containers. 5.3 Firefighting Procedures: Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. 6. ACCIDENTAL RELEASE MEASURES Spills Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Plastic or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills. Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible material such as vermiculite or sand to soak up the product and place into a container for later disposal. Do not use water or a material such as "speedy dry" to soak up material. Sweep up material using non-sparking materials (e.g., plastic brooms, shovels, dustpans) and place into a plastic container or plastic liner within another container. Large Spills: Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Do not eat, drink or smoke when handling this product. Contents under pressure. Handle as to avoid puncturing container(s). When used as intended, no additional protective equipment is necessary. Use chemical goggles if eye contact is possible. Wash unintentional residues with soap and warm water. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. Protect containers from physical damage. To avoid unintentional spraying keep cap in place when not in use. Special Precautions: 7.3 Clean all spills promptly. Spilled material may present a slipping hazard 8. EXPOSURE CONTROLS & PERSONAL PROTECTION ACGIH NOHSC OSHA OTHER Exposure Limits: 8.1 ppm (mg/m<sup>3</sup>) FS-FS-STEL IDLH CHEMICAL NAME(S) STEL ES-TWA STEL NA NA NF NF NF NA NA NA 8.2 Ventilation & Engineering When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure Controls: that an eyewash station, sink or washbasin is available in case of exposure to eyes 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia. Eye Protection: AVOID EYE CONTACT DUE TO IRRITATION POTENTIAL. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (e.g., ≥ 1 gallon (3.8 L)) of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. Hand Protection: 8.5 None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon (3.8 L)), wear rubber, nitrile or impervious 8.6 Body Protection: However, no special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA



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SDS Revision: 3.1

SDS Revision Date: 8/2/2023

|                                       | 9. PHYSICAL & CHEMICAL PROPERTIES   |
|---------------------------------------|---|
| Appearance:                           | Milky white liquid  |
| Odor:                                 | No odor   |
| Odor Threshold:                       | NA NA   |
| pH:                                   | NA NA   |
| Melting Point/Freezing Point:         | NA NA   |
| Initial Boiling Point/Boiling         | NA  |
|                                       | NA  |
| Upper/Lower Flammability              |   |
| Limits:                               | NA  |
| · · · · · · · · · · · · · · · · · · · | NA  |
| •                                     | NA NA   |
|                                       | NA Colubba  |
|                                       | Soluble NA  |
|                                       | NA NA   |
| • •                                   | NA NA   |
| Viscosity:                            | NA NA   |
| Other Information:                    | NA NA   |
|                                       |   |
|                                       | 10. STABILITY & REACTIVITY  |
| Stability:                            | Stable under normal conditions; unstable with heat or contamination.  |
| Hazardous Decomposition               | Oxides of carbon (CO, CO <sub>2</sub> ).  |
| Products:                             | , · · -/  |
|                                       | Will not occur.   |
|                                       | Open flames, sparks, high heat, incompatible substances and direct sunlight.  |
| meompatible oubstances.               | Avoid extreme heat and ignition sources. Store away from oxidizers.   |
|                                       | 11. TOXICOLOGICAL INFORMATION   |
| Routes of Entry:                      | Inhalation: YES Absorption: YES Ingestion: NO   |
|                                       | This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is  |
|                                       | available for some of the components of the product and is not presented in this document.  |
| Acute Toxicity:                       | See Section 4.4   |
| Chronic Toxicity:                     | This material may aggravate any pre-existing skin condition (e.g., dermatitis).   |
| Suspected Carcinogen:                 | This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>   |
| Reproductive Toxicity:                | This product is not reported to produce reproductive toxicity in humans.  |
| Mutagenicity:                         | This product is not reported to produce mutagenic effects in humans.  |
| Embryotoxicity:                       | This product is not reported to produce embryotoxic effects in humans.  |
| Teratogenicity:                       | This product is not reported to cause teratogenic effects in humans.  |
| Reproductive Toxicity:                | This product is not reported to cause reproductive effects in humans.   |
| Irritancy of Product:                 | See Section 4.2   |
|                                       | NE  |
| Physician Recommendations:            | Treat symptomatically.  |
|                                       | 40 F001 001041 INFORMATION  |
|                                       | 12. ECOLOGICAL INFORMATION  |
|                                       | There is no specific data available for this product.   |
|                                       | There are no specific data available for this product.  |
| ∟песts on Aquatic Life:               | There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.  |
|                                       | 13. DISPOSAL CONSIDERATIONS   |
|                                       |   |
| Waste Disposal:                       | Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Dispose of in accordance with federal, state and local regulations.  |
|                                       | Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition Products: Hazardous Polymerization: Conditions to Avoid: Incompatible Substances:  Routes of Entry: Toxicity Data:  Acute Toxicity: Chronic Toxicity: Suspected Carcinogen:  Mutagenicity: Embryotoxicity: Teratogenicity: Reproductive Toxicity: Reproductive Toxicity: |



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| Prepa | Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 3.1 SDS Revision Date: 8/2/2023  |   |                |                          |                     |                          |
|-------|--|---|----------------|--------------------------|---------------------|--------------------------|
|       |  |   |                |                          |                     |                          |
|       | 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. |   |                |                          |                     |                          |
| 14.1  | 49 CFR (GND):  | NOT REGULATED   | 712011.        |                          |                     |                          |
| 14.2  | IATA (AIR):  | NOT REGULATED   |                |                          |                     |                          |
| 14.3  | IMDG (OCN):  | NOT REGULATED   |                |                          |                     |                          |
| 14.4  | TDGR (Canadian GND):   | NOT REGULATED   |                |                          |                     |                          |
| 14.5  | ADR/RID (EU):  | NOT REGULATED   |                |                          |                     |                          |
| 14.6  | SCT (MEXICO):  | NOT REGULATED   |                |                          |                     |                          |
| 14.7  | ADGR (AUS):  | NOT REGULATED   |                |                          |                     |                          |
|       |  | 45 DECULATORY   | NEOD           | MATION                   |                     |                          |
| 15.1  | SARA Reporting Requirements  | 15. REGULATORY I  This product does not contain any substances su                               |                |                          | 3 reporting require | ments                    |
| 15.2  | SARA TPQ:  | There are no specific Threshold Planning Quanti   |                |                          |                     | mento.                   |
| 15.3  | TSCA Inventory Status:   | The components of this product are listed on the  |                |                          | duct.               |                          |
| 15.4  | CERCLA Reportable Quantity:  | NA  | , TOOK IIIV    | remory.                  |                     |                          |
| 15.5  | Other Federal Requirements:  | NA NA   |                |                          |                     |                          |
| 15.6  | Other Canadian Regulations:  | This product has been classified according to   | the haza       | ard criteria of the CPR  | and the MSDS        |                          |
|       |  | contains all of the information required by the C   |                |                          |                     |                          |
|       |  | the DSL/NDSL. None of the components of this  |                |                          |                     |                          |
| 15.7  | State Regulatory Information:  | No ingredients in this product, present in a cor  |                |                          |                     |                          |
|       |  | criteria lists: California Proposition 65 (CA65),<br>List (FL), Massachusetts Hazardous Substar |                |                          |                     |                          |
|       |  | Hazardous Substances List (MN), New Jersey  |                |                          |                     |                          |
|       |  | Pennsylvania Right-to-Know List (PA), Was   |                |                          |                     |                          |
|       |  | Substances List (WI).   | -              |                          |                     |                          |
|       |  | This product does not contain any chemicals k   |                |                          | cause cancer or     | other reproductive       |
| 15.8  | Other Requirements:  | harm. For more information go to <a href="https://www.P65Warr">www.P65Warr</a> NA               | iings.ca.gc    | <u>JV.</u>               |                     |                          |
|       |  | IVA   |                |                          |                     |                          |
|       |  | 16. OTHER INFO  | ORMA1          | ΓΙΟΝ                     |                     |                          |
| 16.1  | Other Information:   | WARNING! CAUSES EYE IRRITATION. Use o   | nly as dire    | ected. Keep out of reach | of children. Avoid  | contact with eyes.       |
|       |  | In case of accident or if you feel unwell seek med  |                |                          |                     | ole). If skin irritation |
|       |  | occurs: get medical advice/attention. KEEP LOCE   | KED UP A       | ND OUT OF REACH O        | F CHILDREN.         |                          |
| 16.2  | Terms & Definitions:   | See last page of this Safety Data Sheet.  |                |                          |                     |                          |
| 16.3  | Disclaimer:  | This Safety Data Sheet is offered pursuant to O   |                |                          |                     |                          |
|       |  | government regulations must be reviewed for Laboratories, Inc.'s knowledge, the information     |                |                          |                     |                          |
|       |  | accuracy, suitability or completeness is not guara  |                |                          |                     |                          |
|       |  | provided. The information contained herein rela   |                |                          |                     |                          |
|       |  | other materials, all component properties must I  |                |                          |                     |                          |
|       |  | consult the latest edition.   | 1              |                          |                     |                          |
| 16.4  | Prepared for:  | CAIG Laboratories, Inc.   | First 1985     |                          |                     |                          |
|       |  | 12200 Thatcher Court<br>Poway, CA 92064-6876  | SHEET SHEET    | OAIO                     |                     |                          |
|       |  | Tel: +1 (800) CAIG-123 (244-4123)   | 期期             | IIAIII                   |                     |                          |
|       |  | Fax: +1 (858) 486-8398 fax  | NAME OF STREET | LABORATORIES, INC.       |                     |                          |
|       |  | http://www.caig.com/  |                |                          |                     |                          |
| 16.5  | Prepared by:   | ShipMate, Inc.  |                |                          |                     |                          |
|       |  | P.O. Box 787  |                |                          |                     |                          |
|       |  | Sisters, Oregon 97759-0787 USA  |                | <b>ShipMate</b>          |                     |                          |
|       |  | Tel: +1 (310) 370-3600  |                | Dangerous Goods          |                     |                          |
|       |  | Fax: +1 (310) 370-5700  |                | Training & Consulting    |                     |                          |
| 1     |  | http://www.shipmate.com   | l .            |                          |                     |                          |



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SDS Revision: 3.1

SDS Revision Date: 8/2/2023

### **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.  | No. Registry of Toxic Effects of Chemical Substances Number          |  |  |
| EINECS No. | European Inventory of Existing Commercial Chemical Substances Number |  |  |

#### **EXPOSURE LIMITS IN AIR:**

| 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

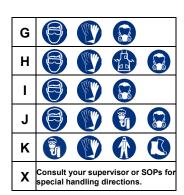
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



### PERSONAL PROTECTION RATINGS:

| Α |  |  |  |
|---|--|--|--|
| В |  |  |  |
| С |  | THE STATE OF THE S |  |
| D |  | H.   |  |
| Е |  |  |  |
| F |  | H.   |  |





#### 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    | Sensitization                                    |
| STOT RE | Specific Target Organ Toxicity – Repeat Exposure |
| STOT SE | Specific Target Organ Toxicity – Single Exposure |

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

| FLAMMABILI                  | 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          | $\sim$ 2          |
| ALK     | Alkaline        |                   |
| COR     | Corrosive       | ── / <b>▼ ₩</b> У |
| ₩       | Use No Water    | HEALTH            |
| OX      | 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        |
| TDio   | 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, TCo, LCio, & LCo                                       |   |
| IARC   | International Agency for Research on Cancer                           |
| NTP  | National Toxicology Program   |
| RTECS  | Registry of Toxic Effects of Chemical Substances                      |
| BCF  | Bioconcentration Factor   |
| TLm  | Median threshold limit  |
| log Kow or log Koc   | 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  | 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>(A)</b> | <b>(2)</b> | (3)      | $\odot$    | <b>(49)</b> |           |          |
|------------|------------|------------|----------|------------|-------------|-----------|----------|
| 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:

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