

## SAFETY DATA SHEET

|                  |                            |   |                                     | orata               | Acid Stain /Malaura          | Buff)              | Dovision Data   | 5/26/2021           |
|------------------|----------------------------|---|-------------------------------------|---------------------|------------------------------|--------------------|---|---------------------|
| SECTION – 1      |                            | RODUCT AND COMP   |                                     |                     | Acid Stain (Malayan I        | bull)              | Revision Date   | 5/20/2021           |
|                  |                            |   |                                     |                     |                              |                    |   |                     |
| Product Name     |                            | Concrete Acid Sta   | in (Malayan Buf                     | r)                  |                              |                    | Item  |                     |
| Product Use      | Concrete St                | ain & Dye   |                                     |                     |                              |                    |   |                     |
| Company Nam      | Direct Color<br>430 E 10th |   | Office                              | (87                 | 77) 255-2656 ext.1           |                    |   |                     |
|                  | Shawnee                    | OK 748  | 01 <b>Web</b>                       | ww                  | w.DirectColors.com           |                    |   |                     |
|                  | EMERGENO                   |   | JMBER INFOT                         | RAC                 | (800) 535-5053               |                    |   |                     |
| SECTION – 2      | HAZARDS INI                |   |                                     |                     | (000) 0000                   |                    |   |                     |
| Pictogram        |                            |   |                                     |                     |                              |                    |   |                     |
| Signal Word      | Danger                     |   |                                     |                     |                              |                    |   |                     |
| Hazards          | PHYSICAL / HEAI            | TH / ENVIRONMEN   | AL HAZARD STAT                      | EMEN                | <u>NTS</u>                   | HAZARD CA          | TEGORY CLASSIFICATION                                     | CODE                |
|                  | May be corrosive           |   | Category 1                          | Corrosive to Metals | H290                         |                    |   |                     |
|                  |                            | skin burns and eye  | damage                              |                     |                              |                    | Skin & Eye (Corrosion)                                    | H314                |
|                  | Causes serious             |   |                                     |                     |                              | Category 1         | Eye (Damage / Irritation)                                 | H318                |
|                  | May cause respi            | -   |                                     | Category 3          | STOT Single Exposure         | H335               |   |                     |
|                  |                            | lasting harmful effe  | •                                   | Category 4          | Chronic Toxicity (Aquatic)   | H413               |   |                     |
|                  | liver                      | age to organs throu   | gn proiongea or r                   | epeat               | ed exposure                  | Category 2         | STOT Repeat Exposure                                      | H373                |
| recautions       |                            | TECTION / FIRE / ST   |                                     | CODE                |                              |                    |   |                     |
| roodutiono       | Keep out of read           |   |                                     |                     |                              |                    | P102  |                     |
|                  | Keep only in orig          |   |                                     |                     |                              |                    | P234  |                     |
|                  |                            | dust / fume / gas / r   | nist / vanours / sr                 | orav                |                              |                    | P261  |                     |
|                  | -                          | es, on skin, or on cl   |                                     | July                |                              |                    | P262  |                     |
|                  | Wash thoroughly            |   |                                     | P264                |                              |                    |   |                     |
|                  |                            | or smoke when us  | ing this product                    |                     | P270                         |                    |   |                     |
|                  | Use only outdoo            | rs or in a well-ventil  | ated area                           |                     | P271                         |                    |   |                     |
|                  | Avoid release to           | the environment   |                                     |                     |                              |                    | P273  |                     |
|                  | Wear protective            | gloves / protective   | clothing / eye pro                  |                     | P280                         |                    |   |                     |
|                  | In case of inade           | quate ventilation we  | ar respiratory pro                  | tectio              | n                            |                    | P285  |                     |
|                  | Absorb spillage            | to prevent material   | damage                              |                     | P390                         |                    |   |                     |
|                  |                            | entilated place, Stor   | -                                   |                     | P403+P405+                   | P233               |   |                     |
|                  |                            | e resistant containe  |                                     |                     |                              |                    | P406  |                     |
|                  | -                          |   | vith all State and                  | Feder               | al Guidelines and R          | egulations         | P501  |                     |
| SECTION – 3      | COMPOSITIO                 | N INFORMATION   |                                     | (                   | Exact percentage of the list | ed chemicals of co | mposition has been withheld as a ti                       | rade secret)        |
| HEMICAL NA       |                            |   | E AND SYNONYMS                      | <u>}</u>            | <u>CAS #</u>                 |                    |   | PERCENT             |
| lydrochloric Ad  |                            |   | atic Acid                           |                     | 7647-01-0                    | Wa                 | ter < 70%   | 1 - 15%             |
| ron(II) Chloride |                            |   | ride Tetrahydrate<br>ride Anhydrous |                     | 13478-10-9<br>7705-08-0      |                    |   | 1 - 10%             |
| ron(III) Chlorid | e                          | Femc Chio   | nde Annyarous                       |                     | 7705-06-0                    |                    |   | 1 - 10%             |
| SECTION – 4      | FIRST AID ME               | EASURES   |                                     |                     |                              |                    |   |                     |
| Eye Contact      | con                        | tact lenses if prese  | nt and easy to do                   | witho               |                              | and continue       | r and lower eyelids, Rem<br>rinsing, Obtain immediate     |                     |
| Skin Contact     | lmn<br>to r                | nediately wash cont   | aminated skin wi                    | th a n              | onabrasive soap an           | d plenty of wa     | tter for at least 15 minutes<br>sent or occurs obtain med | s, Be sure<br>lical |
| Inhaled          |                            |   |                                     |                     | s experienced, move          | e person to fre    | esh air   |                     |
| Ingested         | DO<br>pois                 | DO NOT INDUCE VOMITING, rinse mouth with water, and drink small quantitie poison control center, and get medical attention, If victim feels nauseous stop of head below hips to prevent aspiration into the lungs |                                     |                     |                              |                    |   |                     |

Important EffectsExposure can / may affect, eyes, liver, skinImportant SymptomsSymptoms may include, liver or kidney irregulatories, corrosive burns to skin or eyes, respiratory irritation

| Page 2 of 5  |  | DecoGel™   | Acid Stain (Malaya  | an Buff)   | F  | Revision Date                              | 5/26/2021                       |  |  |  |  |
|--|--|--|---|--|--|--|---------------------------------|--|--|--|--|
| SECTION – 5  | FIRE FIGHTING MEASURE  | S  |   |  |  |  |                                 |  |  |  |  |
| Extinguishing Med  | lia Not flammable: L   | Jse extinguishing m  | edia for surround   | ing fire   |  |  |                                 |  |  |  |  |
| Explosion Hazard   | Not applicable   |  |   |  |  |  |                                 |  |  |  |  |
| Hazardous Decom  | . 0  | al decomposition ca  | -   |  | -  |  |                                 |  |  |  |  |
| Protective Equipm  |  | SH approved self-co  | ntained breathing   | apparatus and fu   | Il protective gear   |  |                                 |  |  |  |  |
| SECTION – 6  | ACCIDENTAL RELEASE MI  |  |   |  |  |  |                                 |  |  |  |  |
| Emergency Proced   | entering the haza  | of spill, Stop spill or<br>ard area, Ventilate a   | rea   |  |  | -  | rom                             |  |  |  |  |
| Personal Precautio   |  | precautions, Wear F  |   |  | not walk through   | spill                                      |                                 |  |  |  |  |
| Protective Equipme   |  |  |   |  |  |  |                                 |  |  |  |  |
| Containment Use rags, towels, absorbent socks or pads to prevent spill from spreading, Prevent spill from environment  |  |  |   |  |  |  | е                               |  |  |  |  |
| Clean Up Procedur  | res Small Spills: Use  | e wet vacuum or mo<br>orb spill with inert m   |   |  |  |  |                                 |  |  |  |  |
| Disposal   |  | ial in accordance w  |   |  |  |  |                                 |  |  |  |  |
| SECTION – 7  | HANDLING AND STORAGE   |  |   |  |  |  |                                 |  |  |  |  |
| Handling<br>Storage  | ng mist, vapors or<br>while using, Wash<br>I place away from   | thoroughly with s  | soap and water  | after  |  |  |                                 |  |  |  |  |
| Incompatible Mater   |  | Keep container closed when not in use, Store in a cool place away from incompatible materials, Store in corrosive resistant container<br>Incompatible with, amines, bases, hexalithium disilicide, metal acetylides, permanganates, strong acids, strong |   |  |  |  |                                 |  |  |  |  |
|  |  | metals, alkaline ear   |   | -  |  | -  | -                               |  |  |  |  |
| SECTION – 8  | EXPOSURE CONTROLS / F  | PERSONAL PROTEC  | TION  |  |  |  |                                 |  |  |  |  |
| EXPOSURE LIMITS  | -  |  |   |  |  |  | Significa                       |  |  |  |  |
| CHEMICAL NAME<br>Hydrochloric Acid   | ACGIH (TWA 8)  | 2 ppm (CEIL)   | OSHA (TWA 8)  | 5 ppm (7 mg/m <sup>3</sup> )   | NIOSH (TWA 10)   | 5 ppm (CEIL)                               | Exposur<br>ED,SD,R <sup>-</sup> |  |  |  |  |
| Iron(II) Chloride<br>Iron(III) Chloride  | (as Fe) 1mg/m³   |  | (as Fe) 1 mg/m³   | 5 ppm (7 mg/m )  |  |  | 20,00,10                        |  |  |  |  |
| PERSONAL PROTI   | ECTION   |  | . , 0   |  |  | HMIS HAZ                                   |                                 |  |  |  |  |
| Z # 7  |  |  |   |  |  | He<br>Flammal<br>React<br>Personal Protect | ivity O                         |  |  |  |  |
| Eyes   | Wear safety glasses or go  |  | •   | •  | al   |  |                                 |  |  |  |  |
| Hands  | Wear chemical resistant i  |  | •   | •  |  |  |                                 |  |  |  |  |
| Lungs  | Wear a MSHA / NIOSH a  |  |   |  | •  |  |                                 |  |  |  |  |
| Body   | "If Situation Requires" - W handling / using this mate   |  | ant impervious pi   | otective clothing i  | t exposure is con  | sidered to be li                           | kely when                       |  |  |  |  |
| Feet   | "If Situation Requires" - W  | Situation Requires" - Wear chemical resistant impervious footwear if exposure is considered to be likely when handling   |   |  |  |  |                                 |  |  |  |  |
|  | / using this material  |  | ant impervious fo   | otwear if exposure   | e is considered to   | be likely when                             | handling                        |  |  |  |  |
|  | / using this material<br>Access to a drench showe<br>material  | er with eye wash sta   | •   | •  |  | 2  | 0                               |  |  |  |  |
| Response   | Access to a drench showe   | of this material below   | ation is a recomm<br>w the lowest ppm   | ended safety prec  | aution for handlin<br>er Threshold Lim   | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation  | Access to a drench showe<br>material<br>Ventilate to keep vapors of  | of this material below<br>or for organic vapor   | ation is a recomm<br>w the lowest ppm   | ended safety prec  | aution for handlin<br>er Threshold Lim   | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br>SECTION – 9   | Access to a drench showe<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate  | of this material belov<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s  | ended safety prec  | aution for handlin<br>er Threshold Lim<br>thing apparatus  | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br>SECTION – 9<br>Flash Point  | Access to a drench showe<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG C   | of this material belov<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s  | ended safety prec<br>listed above, lf ov<br>elf-contained brea<br>ic Gravity / Density   | aution for handlin<br>er Threshold Lim<br>thing apparatus  | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br><mark>SECTION – 9</mark><br>Flash Point<br>Flammable Limits   | Access to a drench showe<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG C<br>(v) ND   | of this material belov<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0   | ended safety prec<br>listed above, lf ov<br>elf-contained brea<br>ic Gravity / Density   | eaution for handlin<br>er Threshold Lim<br>thing apparatus<br>~ 1.12   | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br><mark>SECTION – 9</mark><br>Flash Point<br>Flammable Limits<br>Auto-Ignition Temj   | Access to a drench showe<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG C<br>(v) ND   | of this material belov<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0<br>Viscos   | ended safety pred<br>listed above, If ov<br>elf-contained brea<br>ic Gravity / Density<br>0.3)   | eaution for handlin<br>rer Threshold Lim<br>thing apparatus<br>~ 1.12<br>< 2.0   | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br>SECTION – 9<br>Flash Point<br>Flammable Limits<br>Auto-Ignition Temp<br>Physical State  | Access to a drench showe<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG O<br>(v) ND<br>p. ND  | of this material belov<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0<br>Viscos<br>Meltin   | ended safety prec<br>listed above, lf ov<br>elf-contained brea<br>ic Gravity / Density<br>0.3)<br>sity (mm²s / cSt)  | eaution for handlin<br>rer Threshold Lim<br>thing apparatus<br>~ 1.12<br>< 2.0<br>ND   | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br><mark>SECTION – 9</mark><br>Flash Point<br>Flammable Limits<br>Auto-Ignition Temp<br>Physical State<br>Appearance   | Access to a drench show<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG O<br>(v) ND<br>p. ND<br>Viscous Liquid                                 | of this material below<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0<br>Viscos<br>Meltin<br>Boiling                                      | ended safety prec<br>listed above, lf ov<br>elf-contained brea<br>ic Gravity / Density<br>0.3)<br>sity (mm²s / cSt)<br>g Point   | eaution for handlin<br>rer Threshold Lim<br>thing apparatus<br>~ 1.12<br>< 2.0<br>ND<br>ND   | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br>SECTION – 9<br>Flash Point<br>Flammable Limits<br>Auto-Ignition Temp<br>Physical State<br>Appearance<br>Odor  | Access to a drench shows<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG O<br>(v) ND<br>p. ND<br>Viscous Liquid<br>Tan                         | of this material below<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0<br>Viscos<br>Meltin<br>Boiling<br>Vapor                             | ended safety pred<br>listed above, lf ov<br>elf-contained brea<br>ic Gravity / Density<br>0.3)<br>sity (mm <sup>2</sup> s / cSt)<br>g Point<br>g Point   | eaution for handlin<br>rer Threshold Lim<br>thing apparatus<br>~ 1.12<br>< 2.0<br>ND<br>ND<br>ND   | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br>SECTION – 9<br>Flash Point<br>Flammable Limits<br>Auto-Ignition Temp<br>Physical State<br>Appearance<br>Odor<br>Odor Threshold                            | Access to a drench shows<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG C<br>(v) ND<br>p. ND<br>Viscous Liquid<br>Tan<br>Acdic                | of this material below<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0<br>Viscos<br>Meltin<br>Boiling<br>Vapor<br>Vapor                    | ended safety pred<br>listed above, lf ov<br>elf-contained brea<br>ic Gravity / Density<br>0.3)<br>sity (mm <sup>2</sup> s / cSt)<br>g Point<br>g Point<br>Density (air=1)  | eaution for handlin<br>rer Threshold Lim<br>thing apparatus<br>~ 1.12<br>< 2.0<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND                               | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br>SECTION – 9<br>Flash Point<br>Flammable Limits<br>Auto-Ignition Temp<br>Physical State<br>Appearance<br>Odor<br>Odor Threshold<br>Solubility<br>Volatiles | Access to a drench showe<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG O<br>(v) ND<br>p. ND<br>Viscous Liquid<br>Tan<br>Acdic<br>ND          | of this material below<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0<br>Viscos<br>Meltin<br>Boilin<br>Vapor<br>Vapor<br>Evapo            | ended safety prec<br>listed above, lf ov<br>elf-contained brea<br>ic Gravity / Density<br>0.3)<br>sity (mm <sup>2</sup> s / cSt)<br>g Point<br>g Point<br>Density (air=1)<br>Pressure (mmHg)                       | eaution for handlin<br>rer Threshold Lim<br>thing apparatus<br>~ 1.12<br>< 2.0<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND                               | ng / using this ty                         | /pe of                          |  |  |  |  |
| Response<br>Ventilation<br>SECTION – 9<br>Flash Point<br>Flammable Limits<br>Auto-Ignition Temp<br>Physical State<br>Appearance<br>Odor<br>Odor Threshold<br>Solubility              | Access to a drench shows<br>material<br>Ventilate to keep vapors of<br>NIOSH approved respirate<br>PHYSICAL AND CHEMICAL<br>> 93.3°C (200°F) - TAG O<br>(v) ND<br>p. ND<br>Viscous Liquid<br>Tan<br>Acdic<br>ND<br>< 80% | of this material below<br>or for organic vapor<br>_ PROPERTIES   | ation is a recomm<br>w the lowest ppm<br>, supplied air or s<br>Specif<br>pH (± 0<br>Viscos<br>Meltin<br>Boilin<br>Vapor<br>Vapor<br>Evapo<br>Partiti | ended safety pred<br>listed above, If ov<br>elf-contained brea<br>ic Gravity / Density<br>0.3)<br>sity (mm <sup>2</sup> s / cSt)<br>g Point<br>g Point<br>Density (air=1)<br>Pressure (mmHg)<br>ration Rate (nBuAc | eaution for handlin<br>rer Threshold Lim<br>thing apparatus<br>~ 1.12<br>< 2.0<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND | ng / using this ty                         | /pe of                          |  |  |  |  |

| Page 3 of 5                |                       | DecoGel   | Rev                                      | Revision Date 5/26/20   |                        |                   |                          |  |  |
|----------------------------|-----------------------|---|--|-------------------------|------------------------|-------------------|--------------------------|--|--|
| SECTION - 10 STAB          | ILITY AND REACTI      |   |  |                         |                        |                   |                          |  |  |
| Reactivity                 | No specific tes       | t data related to rea                           | ctivity available for this               | s product or its ir     | aredients              |                   |                          |  |  |
| Chemical Stability         | -                     |   | anticipated conditions                   | -                       | 5                      |                   |                          |  |  |
| Hazardous Polymerization   |                       |   | ·  |                         |                        |                   |                          |  |  |
| <b>Conditions To Avoid</b> | Incompatible m        | aterials  |  |                         |                        |                   |                          |  |  |
| Incompatible Materials     |                       | ith, amines, bases,<br>s, metals, alkaline e    | hexalithium disilicide,<br>earth metals  | metal acetylides        | , permanganates, s     | strong acids      | , strong                 |  |  |
| Hazardous Decompositio     | n Burning or ther     | mal decomposition                               | can produce, chlorine                    | , hydrogen chlori       | de gas, Iron oxides    | 6                 |                          |  |  |
| SECTION - 11 TOXI          | COLOGICAL INFOR       | RMATION   |  |                         |                        |                   |                          |  |  |
| ROUTES OF EXPOSURE         |                       |   |  |                         |                        |                   |                          |  |  |
| Eyes (Yes), Skin (Yes),    | Ingestion (Yes), In   | halation (Yes)                                  |  |                         |                        |                   |                          |  |  |
| ACUTE SY                   | MPTOMS OF SING        | LE OVEREXPOSURE                                 | L  |                         |                        |                   |                          |  |  |
| Eyes Ca                    | uses serious eye      | damage  |  |                         |                        |                   |                          |  |  |
| Skin Ca                    | n cause serious s     | kin damage, derma                               | titis                                    |                         |                        |                   |                          |  |  |
| Inhalation Mis             | st, vapor or fumes    | may cause, respira                              | tory irritation                          |                         |                        |                   |                          |  |  |
| Ingestion Ma               | y be harmful if sw    | allowed   |  |                         |                        |                   |                          |  |  |
| CHRONIC SY                 | MPTOMS OF PROI        | ONGED OR REPEA                                  | TED OVEREXPOSURE                         |                         |                        |                   |                          |  |  |
| Eyes Ca                    | uses serious eye      | damage, corneal in                              | jury, partial or comple                  | te blindness            |                        |                   |                          |  |  |
|                            | -                     | -   | s, ulcerations, corrosiv                 |                         |                        |                   |                          |  |  |
|                            |                       | may cause, respira                              |  |                         |                        |                   |                          |  |  |
|                            | •                     |   | may affect, liver, Symp                  | otoms may includ        | le, nausea, vomitin    | g, abdomina       | al pain,                 |  |  |
|                            | er or kidney irregu   |   | , , , , , , , , , , , , , , , , , , ,    | ý                       |                        | 0,                |                          |  |  |
| Acute Tox Calculate        | <b>Oral:</b> 4,926    | 6 mg/kg Deri                                    | mal: 100,00 mg/kg                        | Inhaled:                | > 20 mg/l              |                   |                          |  |  |
| Acute Tox Category Not     | t applicable (Oral >2 | ,000 mg/kg), Not appl                           | icable (Dermal >2,000 m                  | g/kg), Not applicat     | le (Inhaled >5 mg/l) [ | Dust or Mist      |                          |  |  |
| Target Organs Liv          | er, Skin, Eyes, Re    | spiratory System                                |  |                         |                        |                   |                          |  |  |
|                            | · · · ·               |   | disorders may be add                     | ravated by expos        | sure to this product   |                   |                          |  |  |
|                            |                       |   |  |                         |                        |                   |                          |  |  |
| CARCINOGENIC – This pr     |                       | -   |  |                         |                        |                   |                          |  |  |
| CHEMICAL NAME              | NTP                   | ACG   |  | IARC                    | GH                     | S Category        |                          |  |  |
| None Listed                | NA                    | NA  |  | NA                      | <u>on</u><br>NA        | <u>o oategory</u> |                          |  |  |
|                            |                       |   | toine concentrations a                   |                         |                        |                   |                          |  |  |
|                            |                       |   | itains concentrations a                  | Toxic to Repro          | -                      |                   |                          |  |  |
| CHEMICAL NAME              | Germ Cell Muta        | igenicity                                       |  |                         | duction                |                   |                          |  |  |
| None Listed                | NA                    |   |  | NA                      |                        |                   |                          |  |  |
| COMPONENTS ACUTE TO        |                       | _   |  |                         |                        |                   |                          |  |  |
| CHEMICAL NAME              | <u>Type</u>           | <u>Form</u>                                     | Subject                                  |                         | <u>Exposure Time</u>   |                   | ategory                  |  |  |
| Hydrochloric Acid          | LD50                  | Oral  | Rat                                      | 700 mg/kg               |                        |                   | 000 mg/kg)               |  |  |
|                            | LD50<br>LC50          | Dermal<br>Inhaled                               | Rat<br>Rat                               | 5,010 mg/kg<br>781 mg/l | 4 Hours (Mist)         |                   | ) mg/kg)<br>) mg/l)      |  |  |
| Iron(II) Chloride          | LD50                  | Oral  | Rat                                      | 500 mg/kg               |                        | 4 (>300, ≤2       | 0,                       |  |  |
| Iron(III) Chloride         | LD50                  | Oral  | Rat                                      | 316 mg/kg               |                        |                   | 000 mg/kg)               |  |  |
|                            | LD50                  | Dermal  | Rat                                      | > 2,000 mg/kg           |                        | (>200             | ) mg/kg)                 |  |  |
| SECTION – 12 ECOL          | OGICAL INFORMA        | TION  |  |                         |                        |                   |                          |  |  |
| CHEMICAL NAME              | <u>Type</u>           |   | Subject Latin                            | Result Valu             |                        | <u>GHS</u>        | Category                 |  |  |
| Hydrochloric Acid          | LC50                  | Mosquito Fish (Gambusia affinis)                |  | 282 m                   | 5                      | 4 (>100 mg/l)     |                          |  |  |
| Iron(II) Chloride          | LC50                  |   |  | 46 m                    | -                      |                   | ≤100 mg/l)               |  |  |
|                            | EC50<br>EC50          | 0   | (Pseudokirchneriella s.)                 | 6.9 m                   | -                      |                   | ≤10 mg/l)<br>≤100 mg/l)  |  |  |
| Iron(III) Chloride         | LC50                  |   | (Daphnia magna)<br>(Lepomis macrochirus) | 19 m<br>20.3 m          | 5                      |                   | ≤100 mg/l)<br>≤100 mg/l) |  |  |
|                            | EC50                  | -   | (Daphnia magna)                          | 12.9 m                  | 5                      |                   | ≤100 mg/l)               |  |  |
| Presistence And Degrada    |                       |   | l, this material is not e                |                         | 5                      | · - ·             | 5,                       |  |  |
| Bioaccumulative Potentia   |                       |   | cumulation due to its h                  |                         | -                      |                   |                          |  |  |
| Mobility In Soil           |                       | -   |  |                         |                        |                   |                          |  |  |
|                            | This ma               | terial is a mobile lig                          | uid                                      |                         |                        |                   |                          |  |  |
| Other Adverse Effects      |                       | terial is a mobile liq<br>aquatic life with lor |  |                         |                        |                   |                          |  |  |

| Page 4 of 5   | DecoGel™ Acid Stain (Malayan Buff)  |   |   |   |   |   | R  | evision D                        | ate  | 5/26/2021   |                                  |                                   |
|---|---|---|---|---|---|---|--|----------------------------------|--|---|----------------------------------|-----------------------------------|
| SECTION – 13 DISPO  | SAL CONSIDERATIO  | NS  |   |   |   |   |  |                                  |  |   |                                  |                                   |
| Disposal Statement  | DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER<br>Dispose of any waste in accordance with all State and Federal Guidelines and Regulations   |   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| Container Disposal  | Empty containers retain product residue (vapors, liquid or solid) observe all precautions when handling, Empty<br>drums should be returned to distributor or taken to an approved waste handling site for recycling or disposal |   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| Material Disposal   | This material as su<br>(40 CFR 261) due<br>responsibility of the<br>waste, Chemical a<br>information presen   | to its comp<br>e user of th<br>dditions, pr               | oosition con<br>e product to<br>ocessing o  | taining in<br>o determi<br>r otherwis                 | some o<br>ne, at th<br>se alterir                             | r all of its<br>e time of<br>ng this ma             | compoi<br>disposa<br>aterial m   | nents, L<br>II, wheth<br>Iay mak | Under R<br>ner the<br>the w                                | CRA rule  | es, it is<br>is a ha             | the<br>zardous                    |
| SECTION – 14 TRANS  | PORT INFORMATION  |   |   | -   |   |   | -  |                                  |  |   |                                  |                                   |
| DOT CLASSIFICATION  |   |   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| UN Number   | Proper Shipping Name n.o.s. ( Chemicals ) or "Limits"   |   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| UN 3264   | CORROSIVE, LIQI   |   |   |   |   |   |  |                                  | loride)  |   |                                  |                                   |
| Hazard Class Packing G  |   |   | Reportabl   |   |   | Respons   |  | ine Poll                         | -  | Hazard L  | ahol                             | Secondarv                         |
| 8   | Corrosive I   |   |   | 40,000)   | <u>, (ii)</u>   | <u>154</u>  |  | No                               | utant  |   | aver                             | <u>Secondary</u>                  |
| -   | Conosive  | _iquia  | - (.  | 40,000)   |   | 134   |  | NO                               |  |   |                                  |                                   |
| Additional Info:  |   |   |   |   |   |   |  |                                  |  | CORROSIV  | re l                             |                                   |
|   |   |   |   |   |   |   |  |                                  |  | ×   |                                  |                                   |
| SECTION – 15 REGU   | JLATORY INFORMATI   | ON  |   |   |   |   |  |                                  |  |   |                                  |                                   |
| <u>TSCA</u>   |   |   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| CHEMICAL NAME   | Se  | c 8(b) Active   | nventory  | Sec 8(d) He   | alth And S  | afety S   | ec 4(a) Ch   | emical Te                        | est Rules  | Sec 12(   | b) Expor                         | t Notification                    |
| Hydrochloric Acid   |   | Yes   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| Iron(II) Chloride   |   | Yes   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| Iron(III) Chloride  |   | Yes   |   |   |   |   |  |                                  |  |   |                                  |                                   |
| REPORTABLE QUANTITIES   | <u></u>   | Extremely Ha  | zardous   | Re  | portable Q  | uantity   | Emission   | Reporting                        | ]  |   |                                  |                                   |
| CHEMICAL NAME   | EPCRA TP  | Q Sec 302   | EPCRA RQ Se   | c 304 CE  | RCLA RQ   | Sec 103   | TRI S  | ec 313                           | RC   | RA Code   | RMF                              | TQ Sec 112                        |
| Hydrochloric Acid   |   |   |   |   | 5000  | )   |  |                                  |  |   |                                  |                                   |
| Iron(III) Chloride  |   |   |   |   | 1000  |   |  |                                  |  |   |                                  |                                   |
| SARA  | Se  | ection 311  |   |   |   | Section   | 311/31   | 2 Hazar                          | ds   |   |                                  |                                   |
| CHEMICAL NAME   | Hazar   | dous Chem   | ical  | Acute   | c   | hronic  | Fla  | mmable                           |  | Pressure  |                                  | Reactive                          |
| Hydrochloric Acid   |   | Yes   |   | Yes   |   |   |  |                                  |  |   |                                  |                                   |
| Iron(II) Chloride   |   | Yes   |   | Yes   |   | Yes   |  |                                  |  |   |                                  |                                   |
| Iron(III) Chloride  |   | Yes   |   | Yes   |   |   |  |                                  |  |   |                                  |                                   |
| RIGHT TO KNOW   |   |   |   |   |   |   |  |                                  |  |   |                                  |                                   |
|   |   |   |   |   | STATE   |   |  |                                  |  |   |                                  |                                   |
| CHEMICAL NAME   | СА  | ст  | FL IL   | LA  | STATE<br>NJ   | NY  | PA   | мі                               | MN   | МА  | RI                               | WI                                |
| CHEMICAL NAME   | CA  | СТ  | FL IL   | LA<br>Yes   | NJ  | NY<br>Yes   | PA<br>Yes  | МІ                               | MN<br>Yes  | MA<br>Yes   | RI<br>Yes                        | WI                                |
| Hydrochloric Acid   | Yes   | СТ  | FL IL   | LA<br>Yes   | NJ<br>Yes   | NY<br>Yes   | Yes  | МІ                               | MN<br>Yes  | Yes   | Yes                              | WI                                |
| Hydrochloric Acid<br>Iron(III) Chloride   |   | can expos   | e you to che  | Yes<br>micals (Li                                     | NJ<br>Yes<br>Yes<br>sted belo                                 | Yes<br>ow) knowi                                    | Yes<br>Yes<br>n to the :   | State of                         | Yes  | Yes<br>Yes  | Yes<br>Yes                       |                                   |
| Hydrochloric Acid<br>Iron(III) Chloride   | Yes<br>Yes<br>RNING: This Product   | can expose<br>narm. For m                                 | e you to che  | Yes<br>micals (Li<br>ation go to                      | NJ<br>Yes<br>Yes<br>sted belo                                 | Yes<br>ow) knowi                                    | Yes<br>Yes<br>n to the s<br>gs.ca.gov                                  | State of                         | Yes<br>Califor   | Yes<br>Yes<br>nia to cau  | Yes<br>Yes<br>I <b>se can</b>    |                                   |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA   | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive h   | can expose<br>narm. For m                                 | e you to che<br>nore informa  | Yes<br>micals (Li<br>ation go to                      | NJ<br>Yes<br>Yes<br>sted belo                                 | Yes<br>ow) known<br>65Warning                       | Yes<br>Yes<br>n to the s<br>gs.ca.gov                                  | State of                         | Yes<br>Califor   | Yes<br>Yes<br>nia to cau  | Yes<br>Yes<br>I <b>se can</b>    | cer, birth                        |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA<br>CHEMICAL NAME<br>None Listed   | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive H<br>CAS #  | can expose<br>narm. For m<br>B                            | e you to che<br>nore informa  | Yes<br>micals (Li<br>ttion go to<br>R                 | NJ<br>Yes<br>Yes<br>sted belo                                 | Yes<br>ow) known<br>65Warning                       | Yes<br>Yes<br>n to the s<br>gs.ca.gov                                  | State of<br>Carcin               | Yes<br>Califor<br>ogen                                     | Yes<br>Yes<br>nia to cau  | Yes<br>Yes<br>Ise can<br>Develo  | cer, birth                        |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA<br>Mefe<br>CHEMICAL NAME  | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive f<br>CAS #  | can exposo<br>narm. For m<br>B                            | e you to che<br>lore informa<br>irth Defects  | Yes<br>micals (Li<br>ttion go to<br>R                 | NJ<br>Yes<br>Yes<br>sted belo<br>www.P                        | Yes<br>ow) knowi<br>65Warning<br>tive Harm          | Yes<br>Yes<br>n to the s<br>gs.ca.gov                                  | State of<br>Carcin               | Yes<br>Califor<br>ogen                                     | Yes<br>Yes<br>nia to cau  | Yes<br>Yes<br>ise can<br>Develop | cer, birth                        |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA<br>MARK<br>CHEMICAL NAME<br>None Listed<br>CLEAN AIR WATER ACTS<br>CHEMICAL NAME  | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive F<br>CAS #<br>CAS #   | can expose<br>narm. For m<br>B                            | e you to che<br>hore informa<br>irth Defects<br>Clean Air Ao<br>HAP                                   | Yes<br>micals (Li<br>ttion go to<br>R                 | NJ<br>Yes<br>Yes<br>sted belo<br>www.P                        | Yes<br>ow) knowi<br>65Warning<br>tive Harm          | Yes<br>Yes<br>n to the s<br>gs.ca.gov                                  | State of<br>Carcin               | Yes<br>Califor<br>ogen<br>Clean W                          | Yes<br>Yes<br>nia to cau  | Yes<br>Yes<br>ise can<br>Develop | cer, birth<br>omental             |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA<br>CHEMICAL NAME<br>None Listed<br>CLEAN AIR WATER ACTS<br>CHEMICAL NAME<br>Hydrochloric Acid   | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive f<br>CAS #<br>CAS #<br>7647-01-0  | can exposo<br>narm. For m<br>B                            | e you to che<br>hore informa<br>irth Defects<br>Clean Air Ao<br>HAP<br>Yes                            | Yes<br>micals (Li<br>ttion go to<br>R<br>Cts<br>Ozone | NJ<br>Yes<br>Yes<br>sted belo<br>www.Pr<br>eproduc            | Yes<br>ow) known<br>65Warning<br>tive Harm<br>Ozone | Yes<br>Yes<br>n to the s<br>gs.ca.gov<br>Class 2                       | State of<br>Carcin               | Yes<br>Califor<br>ogen<br>Clean W<br>HS                    | Yes<br>Yes<br>nia to cau<br>/ater Acts<br>PF                    | Yes<br>Yes<br>ise can<br>Develop | cer, birth<br>omental             |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA<br>CHEMICAL NAME<br>None Listed<br>CLEAN AIR WATER ACTS<br>CHEMICAL NAME<br>Hydrochloric Acid<br>INTERNATIONAL REGULAT                  | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive F<br>CAS #<br>CAS #<br>7647-01-0<br>TIONS – The compo   | can expose<br>narm. For m<br>B                            | e you to che<br>lore informa<br>irth Defects<br>Clean Air Ao<br>HAP<br>Yes<br>s product are           | Yes<br>micals (Li<br>ation go to<br>R<br>Cts<br>Ozone | NJ<br>Yes<br>Yes<br>sted belo<br>www.P<br>eproduc<br>Class 1  | Yes<br>bw) known<br>65Warning<br>tive Harm<br>Ozone | Yes<br>Yes<br>n to the s<br>s.ca.gov<br>Class 2                        | State of<br>Carcin               | Yes<br>Californ<br>ogen<br>Clean W<br>HS                   | Yes<br>Yes<br>nia to cau<br>/ater Acts<br>PF                    | Yes<br>Yes<br>ise can<br>Develop | cer, birth<br>omental<br>TP       |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA<br>CHEMICAL NAME<br>None Listed<br>CLEAN AIR WATER ACTS<br>CHEMICAL NAME<br>Hydrochloric Acid<br>INTERNATIONAL REGULAT<br>CHEMICAL NAME | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive F<br>CAS #<br>CAS #<br>7647-01-0<br>TIONS – The compo<br>Austr  | can expose<br>narm. For m<br>B<br>nents of this           | e you to che<br>hore informa<br>irth Defects<br>Clean Air Ao<br>HAP<br>Yes<br>s product are<br>Canada | Yes<br>micals (Li<br>ation go to<br>R<br>Cts<br>Ozone | NJ<br>Yes<br>Yes<br>sted belo<br>www.Pi<br>eproduc<br>Class 1 | Yes<br>bw) known<br>65Warning<br>tive Harm<br>Ozone | Yes<br>Yes<br>n to the<br>gs.ca.gov<br>Class 2<br>Dries of th<br>Japar | State of<br>Carcin               | Yes<br>Californ<br>ogen<br>Clean W<br>HS<br>ing cour       | Yes<br>Yes<br>nia to cau<br>/ater Acts<br>PF<br>ntries:<br>orea | Yes<br>Yes<br>ise can<br>Develop | cer, birth<br>omental<br>TP<br>UK |
| Hydrochloric Acid<br>Iron(III) Chloride<br>CALIFORNIA<br>CHEMICAL NAME<br>None Listed<br>CLEAN AIR WATER ACTS<br>CHEMICAL NAME<br>Hydrochloric Acid<br>INTERNATIONAL REGULAT                  | Yes<br>Yes<br>RNING: This Product<br>ects or reproductive F<br>CAS #<br>CAS #<br>7647-01-0<br>TIONS – The compo   | can expose<br>narm. For m<br>B<br>onents of this<br>ralia | e you to che<br>lore informa<br>irth Defects<br>Clean Air Ao<br>HAP<br>Yes<br>s product are           | Yes<br>micals (Li<br>ation go to<br>R<br>Cts<br>Ozone | NJ<br>Yes<br>Yes<br>sted belo<br>www.P<br>eproduc<br>Class 1  | Yes<br>bw) known<br>65Warning<br>tive Harm<br>Ozone | Yes<br>Yes<br>n to the s<br>s.ca.gov<br>Class 2                        | State of<br>Carcin               | Yes<br>Californ<br>ogen<br>Clean W<br>HS<br>ing cour<br>Ka | Yes<br>Yes<br>nia to cau<br>/ater Acts<br>PF                    | Yes<br>Yes<br>ise can<br>Develop | cer, birth<br>omental<br>TP       |

| SECTI      | ON – 16 OTHER INFORMATION   |       |  |  |  |  |  |  |  |
|------------|---|-------|--|--|--|--|--|--|--|
| <u>SDS</u> | LEGEND DESCRIPTION  |       |  |  |  |  |  |  |  |
| ~          | Approximately   | KD    | Kidney Damage (nephropathy)  |  |  |  |  |  |  |
| ACGIH      | American Conference of Governmental Industrial Hygienists             | LC50  | A concentration that is lethal to 50% of a given species in a given time   |  |  |  |  |  |  |
| CAS        | Chemical Abstracts Service Registry                                   | LD50  | Dose that is lethal to 50% of a given species by a given route of exposure |  |  |  |  |  |  |
| CEIL       | Ceiling Limit (15 minutes)  | LEL   | Lower Explosive Limit  |  |  |  |  |  |  |
| CERCL      | Comprehensive Environmental Response, Compensation, and Liability Act | LD    | Liver Damage   |  |  |  |  |  |  |
| CI         | Cochlear Impairment   | NA    | Not Applicable   |  |  |  |  |  |  |
| CNS        | Central Nervous System  | ND    | Not Determined   |  |  |  |  |  |  |
| EC50       | Concentration of a chemical that gives half-maximal response          | NE    | Not Established  |  |  |  |  |  |  |
| EPA        | Environmental Protection Agency                                       | NFPA  | National Fire Protection Association                                       |  |  |  |  |  |  |
| Eye        | (EI = Irritation) (ED = Damage) (EV = Visual Impairment)              | NIOSH | National Institute for Occupational Safety and Health                      |  |  |  |  |  |  |
| FBG        | Full Bunker Gear  | NTP   | National Toxicology Program  |  |  |  |  |  |  |
| GHS        | Globally Harmonized System  | OSHA  | Occupational Safety and Health Administration                              |  |  |  |  |  |  |
| HAP        | California Hazardous Air Pollutant Clean Air Act                      | PEL   | Permissible Exposure Limit (OSHA)  |  |  |  |  |  |  |
| HMIS-A     | Safety glasses  | PNS   | Peripheral Nervous System  |  |  |  |  |  |  |
| HMIS-B     | Safety glasses, gloves  | PP    | California Priority Pollutant under the Clean Water Act                    |  |  |  |  |  |  |
| HMIS-C     | Safety glasses, gloves, chemical apron                                | REL   | Recommended exposure limit (NIOSH)   |  |  |  |  |  |  |
| HMIS-D     | Face shield, gloves, chemical apron                                   | RT    | Upper Respiratory Tract  |  |  |  |  |  |  |
| HMIS-E     | Safety glasses, gloves, dust respirator                               | Skin  | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)        |  |  |  |  |  |  |
| HMIS-F     | Safety glasses, gloves, chemical apron, dust respirator               | SARA  | Superfund Amendments and Reauthorization Act                               |  |  |  |  |  |  |
| HMIS-G     | Safety glasses, gloves, vapor respirator                              | STEL  | Short Term Exposure Limit (15 minutes)                                     |  |  |  |  |  |  |
| HMIS-H     | Splash goggles, gloves, chemical apron, vapor respirator              | TC Lo | Lowest concentration that is toxic to a given species in a given time      |  |  |  |  |  |  |
| HMIS-I     | Safety glasses, gloves, dust and vapor respirator                     | TD Lo | Lowest dose that is toxic to a given species                               |  |  |  |  |  |  |
| HMIS-J     | Splash goggles, gloves, chemical apron, dust and vapor respirator     | TLV   | Threshold Limit Value (ACGIH)  |  |  |  |  |  |  |
| HMIS-K     | Air line hood or mask, gloves, full chemical suit, boots              | TP    | California Toxic Pollutant under the Clean Water Act                       |  |  |  |  |  |  |
| HMIS-X     | Ask Supervisor  | TSCA  | Toxic Substances Control Act   |  |  |  |  |  |  |
| HS         | California Hazardous Substance under the Clean Water Act              | TWA   | Time Weighted Average (8 hours) - NOISH (10 hours)                         |  |  |  |  |  |  |
| IG / IH    | (IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas)               | UEL   | Upper Explosive Limit  |  |  |  |  |  |  |
| Direct C   | Colors LLC  |       |  |  |  |  |  |  |  |

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-- End of Safety Data Sheet --