Page 1 of 6 **2K-020**

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

SDS Revision: 1.4

| 1.1 | Product Name: | | | | | | C \/C | | | A A/ | | | | |
|--|--|---|--|--|---|---|---|---|--|---|--|---|---|---|
| | | | MERICA | CO. PRO | MASIE | :R D | EVE | LOF | ΈR | 6% | | | | |
| 1.2 | Chemical Name: | NA | | | | | | | | | | | | |
| 1.3 | Synonyms: | ProMaster De | | | | | | | | | | | | |
| 1.4 | Trade Names: | | a ProMaster De | eveloper 6% | | | | | | | | | | |
| 1.5 | Product Use: | Professional | , | | | | | | | | | | | |
| 1.6 | Distributor's Name: | TU-K Industri | , | | | | | | | | | | | |
| 1.7 | Distributor's Address: | | ne Place, South | 1 | | | | | | | | | | |
| 1.8 | Emergency Phone: | CHEMTEL | .: +1 (800) 2 | 255-3924 / + | - <mark>01-813</mark> -2 | 248-0 | 585 | | | | | | | |
| 1.9 | Business Phone / Fax: | +1 (562) 927- | 3365 / +1 (562 | 2) 928-8154 | | | | | | | | | | |
| | | | 2. H | AZARDS | IDENT | IFIC | |)N | | | | | | |
| 2.1 | Hazard Identification: | This product | | | | | | | Tas | | | 00 21 | 200 | according to th |
| | | | criteria of NOH | | | | | | | DANO | LINOU | 0 00 | | according to th |
| | | | HARMFUL IF | | | | | | | TION. | | | | |
| | | _ | : Eve Irrit. 2A; | | | 02.0 | | | | | | | | |
| 2.2 | Label Elements: | | <u>ments</u> (H): H30 | | | H310 | a _ Ca | | arious | ovo ir | ritation | | | |
| | | | / Statements (| | | | | | | • | | | m | |
| | | | hly after handl | | | | | | | | | | | |
| | | | ctive gloves an | | | | | | | | | | | |
| | | | tor if you feel | | | | | | | | | | | $\langle \cdot \cdot \rangle$ |
| | | | act lenses, if p | | | | | | | | | | | |
| | | noreiste: Con | t medical adv | vice/attention | | Stor | | ng. Fa | | 513 - | Dicr | | of | |
| | | | | | | | | | | 501 - | - Disp | 036 0 | 51 | • |
| | | | contents/container to a licensed treatment, storage or disposal facility (TSDF). KEEP LOCKED UP AND OUT OF REACH OF CHILDREN. Preliminary patch testing is recommended. Tattoos, | | | | | | | | | | | |
| 2.3 | Other Warnings: | | | | U U | | | ~ ` | | notoh | tootin | a io ro | | andod Tattaa |
| 2.3 | Other Warnings: | KEEP LOCK | ED UP AND | OUT OF REA | ACH OF C | HILDF | REN. | Prelim | inary | patch | testing | g is re | comme | ended. Tattoo |
| 2.3 | Other Warnings: | KEEP LOCK including blac | ED UP AND | OUT OF REA | ACH OF C | HILDF the ri | REN . isk of | Prelim an alle | inary ergic s | kin rea | action. | lfa | severe | allergic reaction |
| 2.3 | Other Warnings: | KEEP LOCK including blac should occur, | ED UP AND ck and tempor immediately s | OUT OF REA ary henna, ma eek medical at | ACH OF C | HILDF the ri | REN . isk of | Prelim an alle | inary ergic s | kin rea | action. | lfa | severe | ended. Tattoo allergic reactio es or eyebrows |
| 2.3 | Other Warnings: | KEEP LOCK including blac should occur, | ED UP AND | OUT OF REA ary henna, ma eek medical at | ACH OF C | HILDF the ri | REN . isk of | Prelim an alle | inary ergic s | kin rea | action. | lfa | severe | allergic reaction |
| 2.3 | Other Warnings: | KEEP LOCK including blac should occur, to do so may | ED UP AND ck and tempor immediately s cause blindnes | OUT OF REA ary henna, ma eek medical at ss. | ACH OF C ay increase ttention. T | HILDF the ri his pro | REN. isk of duct m | Prelim an alle lust no | inary ergic s t be us | kin reased for | action. | lfa | severe | allergic reaction |
| 2.3 | Other Warnings: | KEEP LOCK including blac should occur, to do so may | ED UP AND ck and tempor immediately s | OUT OF REA ary henna, ma eek medical at ss. | ACH OF C ay increase ttention. T | HILDF the ri his pro | REN. isk of duct m | Prelim an alle lust no | inary ergic s t be us | kin reased for | action. dyein | If a s g the e | severe eyelash | allergic reaction |
| 2.3 | Other Warnings: | KEEP LOCK including blac should occur, to do so may | ED UP AND ck and tempor immediately s cause blindnes | OUT OF REA ary henna, ma eek medical at ss. | ACH OF C ay increase ttention. T | HILDF e the ri his pro | REN. isk of duct m | Prelim an alle lust no | inary ergic s t be us /AT EXPO | kin reased for | action. dyein | If a s g the e | severe eyelash | allergic reaction |
| 2.3 | Other Warnings: | KEEP LOCK including blac should occur, to do so may | ED UP AND ck and tempor immediately s cause blindnes | OUT OF REA ary henna, ma eek medical at ss. | ACH OF C ay increase ttention. T | HILDF e the ri his pro ENT | REN. isk of duct m INF GIH | Prelim an alle lust no | inary ergic s t be us IAT EXPO NOHSC | kin reased for | action. dyein | If a s g the e N AIR (m OSHA | severe eyelash | allergic reaction |
| 2.3 | Other Warnings: | KEEP LOCK including blac should occur, to do so may | ED UP AND ck and tempor immediately s cause blindnes | OUT OF REA ary henna, ma eek medical at ss. | ACH OF C ay increase ttention. T | HILDF e the ri his pro ENT | REN. isk of duct m | Prelim an alle lust no | inary ergic s t be us /AT EXPO | kin reased for | action. dyein | If a s g the e | severe eyelash | allergic reaction |
| | Other Warnings: | KEEP LOCK including blac should occur, to do so may | ED UP AND ck and tempor immediately s cause blindnes | OUT OF REA ary henna, ma eek medical at ss. | ACH OF C ay increase ttention. T | HILDF e the ri his pro ENT | REN. isk of duct m INF GIH | Prelim an alle oust no | inary ergic s t be us ЛАТ EXPO NOHSC ppm | kin reased for | imits in | If a s g the e N AIR (m OSHA | severe eyelash | allergic reaction |
| HEM | CAL NAME(S) | KEEP LOCK including blac should occur, to do so may 3. CO | EED UP AND ck and tempor immediately s cause blindnes | OUT OF REA ary henna, ma eek medical at as. TON & IN | ACH OF C ay increase ttention. T | ENT | REN. isk of duct m INF GIH | Prelim an alle uust no ORN ES- | A STATES | kin reased for ION SURE L | imits in | If a s g the e N AIR (m OSHA ppm | severe eyelash g/m ³) | allergic reactions es or eyebrows |
| HEM | | KEEP LOCK including blac should occur, to do so may 3. CO CAS No. | ED UP AND ck and tempor immediately s cause blindnes OMPOSIT | OUT OF REA ary henna, ma eek medical at ss. TON & IN | GREDI | ENT | REN. isk of duct m INF GIH om STEL | Prelim an alle ust no ORN ES- TWA | MAT EXPO NOHSC PPM ES- STEL | kin rea sed for ION SURE L ES- PEAK | Action. dyein | If a s g the e N AIR (m OSHA ppm STEL | severe eyelash g/m ³) IDLH | allergic reactions es or eyebrows |
| | CAL NAME(S) . (WATER/EAU) | KEEP LOCK including blac should occur, to do so may 3. CO CAS No. | ED UP AND ck and tempor immediately s cause blindnes OMPOSIT | OUT OF REA ary henna, ma eek medical at ss. TON & IN | GREDI | ENT | REN. isk of duct m INF GIH om STEL | Prelim an alle ust no ORN ES- TWA | MAT EXPO NOHSC PPM ES- STEL | kin rea sed for ION SURE L ES- PEAK | Action. dyein | If a s g the e N AIR (m OSHA ppm STEL | severe eyelash g/m ³) IDLH | allergic reactions es or eyebrows |
| | CAL NAME(S) | KEEP LOCK including blac should occur, to do so may 3. CO CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; Hi | EED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 | GREDI | ENT ENT ACC PF TLV NA | REN. isk of duct m INF GIH STEL NA | Prelim an alle ust no ORN ES- TWA NF (1.4) | Inary argic s t be us MAT EXPO NOHSC ppm ES- STEL NF | kin reased for ION SURE L PEAK NF | IMITS IN PEL NA | If a s g the e N AIR (m OSHA ppm STEL NA | severe eyelash g/m ³) IDLH NA | allergic reactions es or eyebrows |
| HEM QUA | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE | KEEP LOCK including blac should occur, to do so may 3. Co CAS No. 7732-18-5 7722-84-1 | ED UP AND ck and tempor immediately s cause blindnes OMPOSIT RTECS No. ZC0110000 | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 | GREDI | ENT ENT ACC PF TLV NA | REN. isk of duct m INF GIH STEL NA | Prelim an alle just no ORN ES- TWA NF | Inary argic s t be us MAT EXPO NOHSC ppm ES- STEL NF | kin reased for ION SURE L PEAK NF | IMITS IN PEL NA | If a s g the e N AIR (m OSHA ppm STEL NA | severe eyelash g/m ³) IDLH NA | allergic reactions es or eyebrows |
| HEM QUA | CAL NAME(S) . (WATER/EAU) | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 | EED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 | GREDI % 60-100 | ENILDF e the ri his pro ENT AC PF TLV NA (1.4) NA | REN. isk of duct m INF GIH Dm STEL NA NA | Prelim an alle iust no ORN Es- TWA NF (1.4) NF | MAT EXPO NOHSC NOHSC PPM ES- STEL NF | kin reased for sed for SURE L ES- PEAK NF NF | IMITS IN PEL NA (1.4) | If a s g the e <u>N AIR (m</u> OSHA ppm STEL NA NA | g/m³) IDLH NA 75 NA | allergic reactions es or eyebrows |
| HEM QUA IYDF EETE | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE | KEEP LOCK including blac should occur, to do so may 3. Co CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; Hi | EED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 | GREDI | ENT AC PF TLV NA (1.4) | REN. isk of duct m INF GIH DM STEL NA | Prelim an alle ust no ORN ES- TWA NF (1.4) | Inary ergic s t be us MAT EXPO NOHSC ppm ES- STEL NF | kin reased for sed for SURE L PEAK NF NF | IMITS IN PEL NA (1.4) | If a s g the e OSHA ppm STEL NA | g/m ³) IDLH NA 75 | allergic reactions es or eyebrows |
| CETE | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H. 67762-27-0 112-92-5 | ED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 | ENILDF e the ri his pro ENT AC PF TLV NA (1.4) NA | REN. isk of duct m INF GIH DM STEL NA NA NA | Prelim an alle uust no ORN ES- TWA NF (1.4) NF | MAT EXPO NOHSC PPM ES- STEL NF NF NF | kin reased for SURE L ES- PEAK NF NF NF | IMITS IN PEL NA (1.4) NA | If a sg the e | g/m ³) IDLH NA 75 NA NA | allergic reactions es or eyebrows |
| HEM QUA IYDF ETEA | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 | EED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 | GREDI % 60-100 | ENILDF e the ri his pro ENT AC PF TLV NA (1.4) NA | REN. isk of duct m INF GIH Dm STEL NA NA | Prelim an alle iust no ORN Es- TWA NF (1.4) NF | MAT EXPO NOHSC NOHSC PPM ES- STEL NF | kin reased for sed for SURE L ES- PEAK NF NF | IMITS IN PEL NA (1.4) | If a s g the e <u>N AIR (m</u> OSHA ppm STEL NA NA | g/m³) IDLH NA 75 NA | allergic reactions es or eyebrows |
| HEM QUA IYDF ETE | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 | ED UP AND ck and tempor- immediately s cause blindnes OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 | ENILDF e the ri his pro ENT AC PF TLV NA (1.4) NA NA | REN. isk of duct m INF STEL NA NA NA NA | Prelim an alle uust no ORN ES- TWA NF (1.4) NF NF NF | Inary argic s t be us MAT EXPO NOHSC PPM ES- STEL NF NF NF NF NF | kin reased for SURE L SURE L ES- PEAK NF NF NF NF | IMITS IN PEL NA (1.4) NA NA | If a s g the e osha ppm STEL NA NA NA | g/m ³) IDLH NA 75 NA NA | allergic reactions es or eyebrows |
| HEM QUA ETE TEA | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H. 67762-27-0 112-92-5 | ED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 | ENILDF e the ri his pro ENT AC PF TLV NA (1.4) NA | REN. isk of duct m INF GIH DM STEL NA NA NA | Prelim an alle uust no ORN ES- TWA NF (1.4) NF | MAT EXPO NOHSC PPM ES- STEL NF NF NF | kin reased for SURE L ES- PEAK NF NF NF | IMITS IN PEL NA (1.4) NA | If a s g the e osha ppm STEL NA NA NA | g/m ³) IDLH NA 75 NA NA | allergic reactions es or eyebrows |
| HEM QUA YDF ETE TEA | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 59186-41-3 | ED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 NA | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 0.1-1 | ENILDE e the rinhis prov ENT ACC PE TLV NA (1.4) NA NA NA | REN. isk of duct m INF GIH STEL NA NA NA NA | Prelim an alle uust no ORN Es- TWA NF (1.4) NF NF NF NF | Inary Projects TAT EXPO NOHSC PPM ES- STEL NF NF NF NF NF | kin reased for SURE L SURE L NF NF NF NF | MITS IN PEL NA (1.4) NA NA NA | If a s g the e osha ppm STEL NA NA NA NA | g/m ³) IDLH NA 75 NA NA NA | allergic reactions es or eyebrows |
| HEM QUA IYDF ETE STEA SETE | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 | ED UP AND ck and tempor- immediately s cause blindnes OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 | ENILDF e the ri his pro ENT AC PF TLV NA (1.4) NA NA | REN. isk of duct m INF STEL NA NA NA NA | Prelim an alle uust no ORN ES- TWA NF (1.4) NF NF NF | Inary argic s t be us MAT EXPO NOHSC PPM ES- STEL NF NF NF NF NF | kin reased for SURE L SURE L ES- PEAK NF NF NF NF | IMITS IN PEL NA (1.4) NA NA | If a s g the e osha ppm STEL NA NA NA | g/m ³) IDLH NA 75 NA NA | allergic reactions es or eyebrows |
| HEM QUA IYDF ETE TEA | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 JM CETEARYL SUFATE | KEEP LOCK including blac should occur, to do so may 3. C CAS No. 7732-18-5 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 59186-41-3 9005-00-9 | EED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 NA NA NA NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 NA NA NA | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 0.1-1 | ENILDE e the ri his pro ENT AC PF TLV NA (1.4) NA NA NA | REN. isk of duct m INF GIH om STEL NA NA NA NA | Prelim an alle uust no ORN Es- TWA NF (1.4) NF (1.4) NF NF NF | Inary Provide the second seco | kin reased for SURE L SURE L NF NF NF NF NF | IMITS IN PEL NA (1.4) NA NA NA | If a sg the e | g/m³) IDLH NA 75 NA NA NA NA | allergic reactions es or eyebrows |
| HEM QUA IYDF EETE STEA SODII | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 JM CETEARYL SUFATE | KEEP LOCK including blac should occur, to do so may 3. Cl CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 59186-41-3 | ED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 NA | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 0.1-1 | ENILDE e the rinhis prov ENT ACC PE TLV NA (1.4) NA NA NA | REN. isk of duct m INF GIH STEL NA NA NA NA | Prelim an alle uust no ORN ES- TWA NF (1.4) NF NF NF NF | Inary Projects TAT EXPO NOHSC PPM ES- STEL NF NF NF NF NF | kin reased for SURE L SURE L NF NF NF NF | MITS IN PEL NA (1.4) NA NA NA | If a s g the e osha ppm STEL NA NA NA NA | g/m ³) IDLH NA 75 NA NA NA | allergic reactions es or eyebrows |
| HEM QUA IYDF EETE STEA SODII | CAL NAME(S) . (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 JM CETEARYL SUFATE RETH-2 | KEEP LOCK including blac should occur, to do so may 3. CO CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 59186-41-3 9005-00-9 3794-83-0 | EED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 NA NA NA NA NA | OUT OF REA ary henna, ma eek medical at ss. ION & IN EINECS No. 231-765-0 267-008-6 204-017-6 NA NA 500-17-8 223-267-7 | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 0.1-1 0.1-1 | HILDF e the rinhis prov ENT AC PF TLV NA (1.4) NA NA NA NA | REN. isk of duct m INF GIH MA NA NA NA NA NA | Prelim an alle oust no ORN ES- TWA NF (1.4) NF (1.4) NF NF NF NF NF | Inary argic s t be us MAT EXPO NOHSC PPM ES- STEL NF NF NF NF NF NF NF NF NF | kin reased for sed for sure L PEAK NF NF NF NF NF NF NF NF | IMITS IN PEL NA (1.4) NA NA NA NA | If a sg the e | g/m³) iDLH NA 75 NA NA NA NA NA | allergic reactions es or eyebrows |
| HEM QUA IYDF ETE SODII STEA ETR | CAL NAME(S) . (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 JM CETEARYL SUFATE RETH-2 | KEEP LOCK including blac should occur, to do so may 3. CO CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 59186-41-3 9005-00-9 3794-83-0 2809-21-4 | ED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 NA NA | OUT OF REA ary henna, ma eek medical at ss. ION & IN EINECS No. 231-765-0 267-008-6 204-017-6 NA NA 500-17-8 223-267-7 220-552-8 | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 | HILDF e the rinhis prov ENT AC PF TLV NA (1.4) NA NA NA NA NA | REN. isk of duct m INF GIH om STEL NA NA NA NA | Prelim an alle uust no ORN Es- TWA NF (1.4) NF (1.4) NF NF NF | Inary Provide the second seco | kin reased for SURE L SURE L NF NF NF NF NF | IMITS IN PEL NA (1.4) NA NA NA | If a sg the e | g/m³) IDLH NA 75 NA NA NA NA | allergic reactions es or eyebrows |
| HEM QUA IYDF ETE SODII STEA ETR | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 JM CETEARYL SUFATE RETH-2 ASODIUM ETIDRONATE | KEEP LOCK including blac should occur, to do so may 3. CO CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 59186-41-3 9005-00-9 3794-83-0 2809-21-4 Met. Corr. 1; # | EED UP AND ck and tempor immediately s cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 NA | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 NA NA 500-17-8 223-267-7 220-552-8 2 Dam. 1; H290, | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 1-3 | HILDF e the ri his pro ENT AC PF TLV NA (1.4) NA NA NA NA NA | REN. isk of duct m INF SIH M STEL NA NA NA NA NA NA | Prelim an alle uust no ORN ES- TWA NF (1.4) NF (1.4) NF NF NF NF NF NF | Inary argic s t be us MAT EXPO NOHSC PPM ES- STEL NF NF NF NF NF NF NF NF NF | kin reased for sed for sure L PEAK NF NF NF NF NF NF NF NF | IMITS IN PEL NA (1.4) NA NA NA NA NA | If a s g the e g the e OSHA ppm STEL NA NA NA NA NA NA | g/m³) iDLH NA 75 NA NA NA NA NA NA | allergic reactions es or eyebrows |
| HEM QUA YDF ETE ETE ODIII TEA ETR | CAL NAME(S) (WATER/EAU) OGEN PEROXIDE ARYL ALCOHOL RYL ALCOHOL ARETH-25 JM CETEARYL SUFATE RETH-2 ASODIUM ETIDRONATE | KEEP LOCK including blac should occur, to do so may 3. CO CAS No. 7732-18-5 7722-84-1 Eye Irrit. 2; H: 67762-27-0 112-92-5 68439-49-6 59186-41-3 9005-00-9 3794-83-0 2809-21-4 Met. Corr. 1; # 122-99-6 | ED UP AND ck and temporimmediatelys cause blindness OMPOSIT RTECS No. ZC0110000 MX0900000 319 NA RG2010000 NA NA NA NA NA NA SZ8562100 | OUT OF REA ary henna, ma eek medical at ss. TON & IN EINECS No. 231-791-2 231-765-0 267-008-6 204-017-6 NA 204-017-6 NA 204-017-7 200-552-8 20am. 1; H290, 204-589-7 | ACH OF C ay increase ttention. T GREDI % 60-100 1-6 1-5 1-3 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 | HILDF e the rinhis prov ENT AC PF TLV NA (1.4) NA NA NA NA NA | REN. isk of duct m INF GIH MA NA NA NA NA NA | Prelim an alle oust no ORN ES- TWA NF (1.4) NF (1.4) NF NF NF NF NF | Inary argic s t be us MAT EXPO NOHSC PPM ES- STEL NF NF NF NF NF NF NF NF NF | kin reased for sed for sure L PEAK NF NF NF NF NF NF NF NF | IMITS IN PEL NA (1.4) NA NA NA NA | If a sg the e | g/m³) iDLH NA 75 NA NA NA NA NA | allergic reactions es or eyebrows |

Page 2 of 6 **2K-020**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision: 1.4

| 4.4 | | | | 4. | гікэ | t aid | WILAS | UNLO | | | | | |
|------------|---|---|---|---|---|---|--|--|--|---|---|---|---|
| 4.1 | First Aid: | Ingestion: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. | | | | | | | | | | | |
| | | Eyes: | | | | | | luct gets in tl diate medical | | h with copiou | us amounts | of lu | ukewarm |
| | | <u>Skin</u> : | lf irrita washii | ation occ ng of th | urs and p | product is | s on the sk | in, rinse thore and water. | oughly with lu | | | | |
| | | Inhalation: | Remo | ve victin | n to fresh | | | | | | | | |
| 4.2 | Effects of Exposure: | Ingestion: Eyes: Skin: | Moder wateri May b some | rately irr ng. e irritati sensitiv | itating to ng to skir e individu | the eye: n. The p | s. Sympto | a, vomiting ar oms of overex n cause allerc | posure may | include redne | | | |
| 4.3 | Symptoms of Overexposure: | | ure in eye ness, itcl | hing, an | cause se d irritatio | n of affe | ected area | ess, itching a s. The produ | | | | | |
| 4.4 | Acute Health Effects: | | ation to | eyes. S | Symptom | s of ove | erexposure | may include | redness, itc | hing, stinging | , irritation a | nd١ | vatering. |
| 4.5 | Chronic Health Effects: | | | | | | | membrane of | the eye and r | espiratory sys | stem. | | |
| 4.6 | Target Organs: Medical Conditions | Eyes, Skin, F | | | | | | | | | | | |
| 4.7 | Aggravated by Exposure: | Pre-existing target organs | | | | | | orders of the | HEALTH FLAMMA | | | | 1 0 |
| | | | | | | | | | | AL HAZARD | S | | 1 |
| | | | | | | | | | PROTEC | TIVE EQUI | PMENT | | В |
| | | | | | | | | | EYES | SKIN | | | |
| | | | | | | | | | | | | | |
| | | | | | | GHIIN | NG ME | ASURES | | | | | |
| 5.1 5.2 | Fire & Explosion Hazards: Extinguishing Methods: | This product CO ₂ , Halon | | | | aal Faar | m oo outbu | arized | | | | | |
| 5.3 | Firefighting Procedures: | demand) and spray to cool fire control o | nd full pro ol fire-exp or dilution | otective posed si n from e | gear. K urfaces a ntering se | keep con nd to pro ewers, d | tainers co otect perso rains, drink ng NIOSH | ontained bre ol until well af nal. Fight fire king water sup -approved po | ter the fire is upwind. Pre oply, or any n | out. Üse wa event runoff fr atural waterw | ay. | | 1 |
| | | | pparatus | to prote | | | ial hazardo | ous combustio | | position produ | cts | | |
| | | breathing ap | pparatus deficien | to prote cies. | ect agains | st potent | | E MEASU | on or decomp | | cts | | |
| 6.1 | Spills: | breathing ap and oxygen of Equipment (I For <u>small sp</u> Maximize ve appropriate of Wash all aff clothing and For <u>large sp</u> material (e.g containers for | 6. A aning an (PPE). k spills (e., ventilation closed c ffected a d wash th <u>pills</u> (e.g g., sand for prope | to protected. CCID y spill of Keep inc g., < 1 n (open contained areas ar horoughl g., \geq 1 g. or earth earth ar disposed or earth ar disp | ENTA or leak, i ompatible gallon (: doors a r(s) for di doutside y before jallon (3.6). Transfe sal. Rem | st potent L RE individua e materia 3.8 L)) v and wind sposal. e of con reuse. 8 L)), de er liquid nove con | LEASE als involve als (e.g., or wear appr dows). Rei Dispose of tainer with eny entry t to containe ntaminated | MEASU d in spill cle ganics such a opriate perso move spilled f properly in a plenty of wa o all unprote ers for recove clothing pror | RES anup must v is oil) away fr nal protectiv material with ccordance w arm water ar cted individu ry or disposa nptly and wa | wear appropr oom spill. re equipment h absorbent ith local, state nd soap. Re als. Dike an al and solid di ush affected s | iate Persona (e.g., gogg material and and federal move any c d contain sp king material | les, d pl reg onta oill v | gloves). ace into ulations. minated vith inert separate |
| 6.1 | Spills: | breathing ap and oxygen of Equipment (I For <u>small sp</u> Maximize ve appropriate of Wash all aff clothing and For <u>large sp</u> material (e.g containers for water. Keep | 6. A aning an (PPE). k spills (e., ventilation closed c ffected a d wash th <u>pills</u> (e.g g., sand for prope p spills a | to protected. CCID y spill of Xeep inc g., < 1 n (open contained areas ar horoughl g., \geq 1 g or earth er disposend nd clear | ENTA or leak, i ompatible gallon (3 doors a r(s) for di doutside y before gallon (3.4). Transfe sal. Rem ning runof | st potent L RE individua e materia 3.8 L)) v and wind sposal. e of con reuse. 8 L)), de er liquid nove con ffs out of | LEASE als involve als (e.g., or wear appr dows). Rei Dispose of tainer with eny entry t to containe to containe taminated | MEASU d in spill cle ganics such a opriate perso move spilled f properly in a plenty of wa o all unprote ers for recove clothing pror sewers and c | RES anup must v is oil) away fr nal protectiv material with ccordance w arm water ar cted individu ry or disposa nptly and wa pen bodies c | wear appropr oom spill. re equipment h absorbent ith local, state nd soap. Re als. Dike an al and solid di ush affected s | iate Persona (e.g., gogg material and and federal move any c d contain sp king material | les, d pl reg onta oill v | gloves). ace into ulations. minated vith inert separate |
| 6.1 | Spills: Work & Hygiene Practices: | breathing ap and oxygen of Equipment (I For <u>small sp</u> Maximize ve appropriate of Wash all aff clothing and For <u>large sp</u> material (e.g containers for water. Keep 7 Do not eat, of combustible | 6. A aning an (PPE). It spills (e. ventilation closed c ffected a d wash th pills (e.g g., sand for prope p spills a 7. HA | to protected. CCID y spill of (eep inc g., < 1 n (open areas ar horoughl $L, \ge 1$ g or earth earther disposed nd clear NDLI smoke als. Avoi | ENTA Dr leak, i ompatible gallon (i doors a r(s) for di doutside y before jallon (3.8). Transfe sal. Rem ning rund NG & while har d contam | st potent IL RE individua e materia 3.8 L)) v and wind sposal. e of con reuse. 8 L)), de er liquid nove con ffs out of STOF adding this inination f | LEASE als involver als (e.g., or wear appr dows). Ren Dispose of tainer with eny entry to to containen taminated municipal RAGE I s product. from any s | MEASU d in spill cle ganics such a opriate perso move spilled f properly in a plenty of wa o all unprote ers for recove clothing pror sewers and c NFORMA | RES anup must v is oil) away fr nal protectiv material with ccordance w arm water ar cted individu ry or disposa nptly and wa pen bodies c ATION ghly after han | wear appropr om spill. e equipment h absorbent ith local, state nd soap. Re als. Dike an al and solid di ish affected s of water. | iate Persona (e.g., gogg material and and federal move any c d contain sp king material kin areas wi | les, d pl reg onta bill v l to l to l th s lam | gloves). ace into ulations. iminated vith inert separate oap and mable or |
| | | breathing ap and oxygen of Equipment (I For <u>small sp</u> Maximize ve appropriate of Wash all aff clothing and For <u>large sp</u> material (e.g containers for water. Keep 7 Do not eat, of combustible covered. Wa Use and sto | pparatus deficien 6. A aning an (PPE). k spills (e.v rentilatior closed c ffected a d wash th pills (e.g g., sand for prope p spills a drink, or e materia ash unin ore in a pen flame | to protected cies. CCID y spill (Keep inc g., < 1 n (open containe areas ar or earth or earth cor earth cor earth NDLI Smoke als. Avoid cool, dry es. Avoid | ENTA Dr leak, i ompatible gallon (: doors a r(s) for di dours a r(s) for di dours a y before i gallon (3.4). Transfe sal. Rem ning runof NG & while han d contam I residues y, well-ve | st potent L RE individua e materia 3.8 L)) v and wind sposal. e of con reuse. 8 L)), de er liquid nove con ffs out of STOF adling this initiation f s with soa ontilated | LEASE als involve als (e.g., or wear appr dows). Rei Dispose of itainer with eny entry t to containe to containe to containe to containe taminated municipal RAGE I s product. from any s ap and wai location (e | MEASU d in spill cle ganics such a opriate perso move spilled f properly in a plenty of wa o all unprote ers for recove clothing pror sewers and c NFORMA | IRES anup must v is oil) away fr nal protectiv material with ccordance w arm water ar cted individu ry or disposa nptly and wa pen bodies c ATION hly after han ing metals, c | wear appropr om spill. re equipment h absorbent ith local, state nd soap. Re als. Dike an al and solid di ish affected s of water. | iate Persona (e.g., gogg material and e and federal move any c d contain sp king material kin areas wi | les, d pl reg onta bill v l to l to lam s. K | gloves). ace into ulations. minated vith inert separate oap and mable or eep bulk xcessive |

Page 3 of 6 **2K-020**

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

SDS Revision: 1.4 SDS

| 8.1 | Exposure Limits: | | AC | GIH | | NOHSC | | | OSHA | | OTHER |
|--------------|---|--|-----------------------|---------------------------|--------------------------|------------------------|-------------------------|-----------|-----------|------------|----------------|
| | ppm (mg/m³) | CHEMICAL NAME(S) | TLV | STEL | ES-TWA | ES- STEL | ES- PEAK | PEL | STEL | IDLH | |
| | | HYDROGEN PEROXIDE | (1.4) | NA | (1.4) | NF | NF | (1.4) | NA | 75 | |
| 8.2 | Ventilation & Engineering Controls: | When working with large quantities that an eyewash station, sink or wa | | | | | | | naust ver | ntilation, | fans). Ensure |
| 8.3 | Respiratory Protection: | No special respiratory protection necessary, use only respiratory §1910.134, or applicable U.S. sta E.C. member states, or Australia. | protection | on autho | rized per | U.S. O | SHA's re | quiremer | nt in 29 | CFR | |
| 8.4 | Eye Protection: | Wear protective eyewear (e.g., sa Always use protective eyewear w soft lenses may absorb and conce | hen clea | ning spill | | | | | | | 0 |
| 8.5 | Hand Protection: | AVOID SKIN CONTACT DUE TO skin contact will occur during use If necessary, refer to U.S. OSHA a member states. | of this p | oduct, w | ear latex o | or rubber | gloves fo | r routine | industria | l use. | |
| 8.6 | Body Protection: | AVOID SKIN CONTACT DUE TO required under typical circumstant of Canada, the E.C. member state | ces of us | e and ha | | | | | | | |
| | | 9. PHYSICAL | & CH | EMIC | AL PRO | OPER | TIES | | | | |
| 9.1 | Appearance: | White liquid | | | | | | | | | |
| 9.2 | Odor: | Characteristic | | | | | | | | | |
| 9.3 | Odor Threshold: | NA | | | | | | | | | |
| 9.4 | pH: | 3.0 - 4.0 | | | | | | | | | |
| 9.5 | Melting Point/Freezing Point: | NA | | | | | | | | | |
| 9.6 | Initial Boiling Point/Boiling Range: | NA | | | | | | | | | |
| 9.7 | Flashpoint: | NA | | | | | | | | | |
| 9.8 | Upper/Lower Flammability Limits: | NA | | | | | | | | | |
| 9.9 | Vapor Pressure: | NA | | | | | | | | | |
| 9.10 | Vapor Density: | NA | | | | | | | | | |
| 9.11 | Relative Density: | NA | | | | | | | | | |
| 9.12 9.13 | Solubility: Partition Coefficient (log Pow): | Partial to complete | | | | | | | | | |
| 9.13 | Autoignition Temperature: | NA | | | | | | | | | |
| 9.14 | Decomposition Temperature: | NA | | | | | | | | | |
| 9.15 | Viscosity: | NA 3,000-4,000 cPs | | | | | | | | | |
| 9.10 | Other Information: | 3,000-4,000 CPS | | | | | | | | | |
| 5.17 | | | | | | | | | | | |
| | | 10. STA | BILIT | Y & R | EACTI | VITY | | | | | |
| 10.1 | Stability: | This product is stable. | | | | | | | | | |
| 10.2 | Hazardous Decomposition Products: | Oxides of carbon (CO, CO ₂) and s | sulfur (SC | 2). Libera | ation of ga | s my res | ult in dang | gerous pr | essure. | | |
| 10.3 | Hazardous Polymerization: | Will not occur. | | | | | | | | | |
| 10.4 | Conditions to Avoid: | Open flames, sparks and high hea | | | | | | | | | , |
| 10.5 | Incompatible Substances: | Store away from flammable liqu materials, combustible materials, i any tint, lightener lotion or bleach i unused material to original contain | metal cor powder a | ntaminatio fter it has | on like iror been mix | n, copper ed with d | their allo eveloper; | ys). Avo | id contar | nination | . Do not store |

Page 4 of 6 2K-020

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

SDS Revision: 1.4

| 44.4 | Doutes of Entry | 11. TOXICOLOGICAL INFORMATION |
|--------------|------------------------------------|---|
| 11.1 11.2 | Routes of Entry: Toxicity Data: | |
| | - | 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, but is not presented in this document. |
| 11.3 | Acute Toxicity: | See Section 4.4 |
| 11.4 | Chronic Toxicity: | See Section 4.5 |
| 11.5 | Suspected Carcinogen: | This product contains <u>Hydrogen Peroxide</u> , listed as: ACGIH Group A3; IARC Group 3: Not classifiable as to it's carcinogenicity to humans. |
| 11.6 | Reproductive Toxicity: | This product is not reported to cause 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. |
| 11.7 | Irritancy of Product: | See Section 4.3 |
| 11.8 | Biological Exposure Indices: | NE |
| 11.9 | Physician Recommendations: | Treat symptomatically. |
| | | 12. ECOLOGICAL INFORMATION |
| 12.1 | Environmental Stability: | There are no specific data available for this product. |
| 12.2 | Effects on Plants & Animals: | There are no specific data available for this product. |
| 12.3 | Effects on Aquatic Life: | The product itself has not been tested as a whole. There are no specific data available for this product. |
| | | 13. DISPOSAL CONSIDERATIONS |
| 13.1 | Waste Disposal: | Dispose of in accordance with federal, state and local regulations. |
| 13.2 | Special Considerations: | NA |
| | | |
| | | 14. TRANSPORTATION INFORMATION |
| The b | asic description (ID Number, | proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information |
| | | /ICAO, IMDG and the CTDGR. |
| 14.1 | 49 CFR (GND): | NOT REGULATED |
| 14.2 14.3 | IATA (AIR): IMDG (OCN): | NOT REGULATED NOT REGULATED |
| 14.3 | TDGR (Canadian GND): | NOT REGULATED |
| 14.5 | ADR/RID (EU): | NOT REGULATED |
| 14.6 | SCT (MEXICO): | NOT REGULATED |
| 14.7 | ADGR (AUS): | NOT REGULATED |
| | | |
| | | 15. REGULATORY INFORMATION |
| 15.1 | SARA Reporting Requirements: | This product does not contain any substances subject to SARA Title III, section 313 reporting requirements |
| 15.2 | SARA TPQ: | There are no specific Threshold Planning Quantities for the components of this product. |
| 15.3 | TSCA Inventory Status: | The components of this product are listed on the TSCA Inventory. |
| 15.4 | CERCLA Reportable Quantity: | NA |
| 15.5 | Other Federal Requirements: | This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA. |
| 15.6 | Other Canadian Regulations: | This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS |
| 15.7 | State Regulatory Information: | <u>Hydrogen Peroxide</u> is found on the following state criteria list: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA) and Washington Permissible Exposures List (WA). No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| 15.8 | Other Requirements: | This product is found on the following inventory lists: Australia - AICS, China – IECSC, Europe – ELINCS/EINEC, |
| | | Japan – ENCS; Korea – KECI; New Zealand – NZIoC; {Philippines – PICCS; USA – TSCA |

Page 5 of 6 **2K-020**

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

SDS Revision: 1.4

| | | 16. OTHER INF | ORMATION |
|------|----------------------|--|--|
| 16.1 | Other Information: | directed. Not for use as an antiseptic. Discontir in a cool place. Wash hands and exposed skin drink or smoke while using this product. Wea | USES SERIOUS EYE IRRITATION. For external use only. Use only as nue use immediately if irritation develops. Keep container tightly closed areas with soap and warm water thoroughly after handling. Do not eat, r protective gloves and eye/face protection. IF SWALLOWED: call a se mouth. IF IN EYES: Remove contact lenses, if present and easy to at medical advice/attention. |
| | | KEEP LOCKED UP AND OUT OF REACH OF C | CHILDREN. |
| | | warranty expressed or implied if used by others and temporary henna, may increase the risk o | y a licensed cosmetologist/professional hairdresser only, and carries no b. Preliminary patch testing is recommended. Tattoos, including black f allergy, If a severe allergic reaction should occur, immediately seek d for dyeing the eyelashes or eyebrows; to do so may cause blindness. |
| 16.2 | Terms & Definitions: | See last page of this Safety Data Sheet. | |
| 16.3 | Disclaimer: | government regulations must be reviewed for ap Inc.'s (2K Industries) knowledge, the informatic accuracy, suitability or completeness is not gual provided. The information contained herein rela | OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other oplicability to this product. To the best of ShipMate's & TU-K Industries, on contained herein is reliable and accurate as of this date; however, ranteed and no warranties of any type, either expressed or implied, are ates only to the specific product(s). If this product(s) is combined with be considered. Data may be changed from time to time. Be sure to |
| 16.4 | Prepared for: | TU-K Industries, Inc. (2K) 5702 Firestone Place South Gate, CA 90280 USA Tel: +1 (562) 927-3365 Fax: +1 (562) 928-8154 http://www.2kindustries.com | |
| 16.5 | Prepared by: | ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com | ShipMate Dangerous Goods Training & Consulting |

Page 6 of 6 **2K-020**

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

SDS Revision: 1.4

SDS Revision Date: 4/8/2020

DEFINITION OF TERMS

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

GENERAL INFORMATION:

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

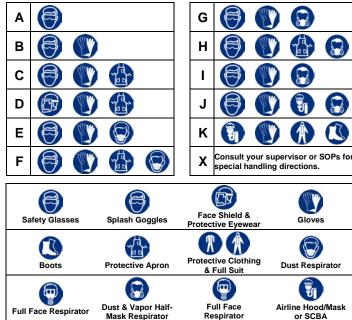
| CPR | Cardiopulmonary resuscitation - method in which a person whose heart has |
|-----|--|
| | stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body. |
| | |

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

| 0 | Minimal Hazard | HEALTH |
|---|-----------------|---------------------|
| 1 | Slight Hazard | FLAMMABILITY |
| 2 | Moderate Hazard | PHYSICAL HAZARDS |
| 3 | Severe Hazard | PERSONAL PROTECTION |
| 4 | Extreme Hazard | |

PERSONAL PROTECTION RATINGS:



OTHER STANDARD ABBREVIATIONS:

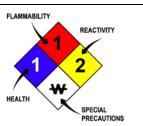
| Carc | Carcinogenic |
|---------|--|
| Irrit | Irritant |
| NA | Not Available |
| NR | No Results |
| ND | Not Determined |
| NE | Not Established |
| NF | Not Found |
| SCBA | Self-Contained Breathing Apparatus |
| Sens | Sensitization |
| STOT RE | Specific Target Organ Toxicity – Repeat Exposure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

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

| Γ | Autoignition | Minimum temperature required to initiate combustion in air with no other source | | | | | |
|---|--------------|--|--|--|--|--|--|
| | Temperature | 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 | | | | | |
| L | | explode of ignite in the presence of an ignition source | | | | | |

HAZARD RATINGS:

| 0 | Minimal Hazard | |
|---------|-----------------|---|
| 1 | Slight Hazard | F |
| 2 | Moderate Hazard | |
| 3 | Severe Hazard | |
| 4 | Extreme Hazard | |
| ACD | Acidic | |
| ALK | Alkaline | |
| COR | Corrosive | |
| W | Use No Water | н |
| ох | Oxidizer | |
| TREFOIL | Radioactive | |



TOXICOLOGICAL INFORMATION:

| LD ₅₀ | LD ₅₀ Lethal Dose (solids & liquids) which kills 50% of the exposed animals | | |
|--|--|--|--|
| LC 50 | LC ₅₀ Lethal concentration (gases) which kills 50% of the exposed animal | | |
| ppm | ppm Concentration expressed in parts of material per million parts | | |
| TD _{Io} | TD _{Io} Lowest dose to cause a symptom | | |
| TCLo | Lowest concentration to cause a symptom | | |
| TD _{Io} , LD _{Io} , & LD _o or | Lowest dose (or concentration) to cause lethal or toxic effects | | |
| TC, TC ₀ , LC ₁₀ , & LC ₀ | | | |
| 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 | | |
| $\log K_{ow}$ or $\log K_{oc}$ | Coefficient of Oil/Water Distribution | | |

REGULATORY INFORMATION:

| WHMIS | Canadian Workplace Hazardous Material Information System | | |
|-------|--|--|--|
| DOT | U.S. Department of Transportation | | |
| TC | Transport Canada | | |
| EPA | U.S. Environmental Protection Agency | | |
| DSL | Canadian Domestic Substance List | | |
| NDSL | 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:

| \bigcirc | ۲ | ٢ | | Ð | (| | R |
|------------|-----------|-----------|----------|------------|------------|-----------|----------|
| 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 | | | \diamondsuit | | |
|-----------|-----------|----------|-------------|-----------|-------|-----------------------|------------------|-------------|
| GHS01 | GHS02 | GHS03 | GHS04 | GHS05 | GHS06 | GHS07 | GHS08 | GHS09 |
| Explosive | Flammable | Oxidizer | Pressurized | Corrosive | Toxic | Harmful Irritating | Health Hazard | Environment |