

Page 1 of 5 **BTI-053** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards SDS Revision: 2.0 SDS Revision Date: 12/6/2022

| 1.1                          | Product Name:   | 1  |  | CT & COM   |  |  |  |  |   |  |  |   |  |  |
|------------------------------|---|--|--|--|--|--|--|--|---|--|--|---|--|--|
| 1.0                          | Chamical Name   |  | hthalein   | Solution   |  |  |  |  |   |  |  |   |  |  |
| 1.2                          | Chemical Name:<br>Synonyms:   | Thymolphthal   |  |  |  |  |  |  |   |  |  |   |  |  |
| 1.4                          | Trade Names:  | <del>                                     </del>   | dicator; A1007   |  |  |  |  |  |   |  |  |   |  |  |
| 1.5                          | Product Use:  | Thymolphthal<br>NA   | em Solution  |  |  |  |  |  |   |  |  |   |  |  |
| 1.6                          | Distributor's Name:   |  | boratories LLC   | `  |  |  |  |  |   |  |  |   |  |  |
| 1.7                          | Distributor's Address:  |  |  | rie, MN 55344  | IISΔ   |  |  |  |   |  |  |   |  |  |
| 1.8                          | Emergency Phone:  |  |  | -9300 / +1 (70   |  | 887 o  | r Poi  | on C   | ontro   | d Con  | tor +1   | 1 (855                                    | 1 281-   | 1742   |
| 1.9                          | Business Phone / Fax:   |  | 7-7900 / +1 (95)   |  | 00,027-0   | 001 0  | 1101   | ,011 0   | Ontic   | , OCI  |  | (000                                      | , 201-   | 1774   |
|                              |   |  | 0 11   | 4 7 4 DDO  | IDENIT   | IEIO   | A T14  | <u> </u>   |   |  |  |   |  |  |
| 2.1                          | Hazard Identification:  | I  |  | AZARDS   |  |  |  |  | <del></del>   |  |  |   | 14 00  | OFD 1010 100   |
| 2.1                          | nazaru identincation.   |  |  | th UN Globally<br>ralian Work He   |  |  | andard   | s. Inte  | nded  | to con   | iply wi  | th OSI                                    | HA 29  | CFR 1910.120   |
|                              |   |  |  | OUS EYE IRRI   |  | alety.   |  |  |   |  |  |   |  |  |
|                              |   | Classification   |  | OOO ETE IIIII  | IAIION.  |  |  |  |   |  |  |   |  |  |
| 2.2                          | Label Elements:   | 1  |  | 19 – Causes se   | rious eve  | irritatio  | on.  |  |   |  |  |   |  |  |
|                              |   |  | . ,  | P): P201 – Obta  | •  |  |  | before   | use. F  | 202 –  | Do no  | t handl                                   | e  | •  |
|                              |   |  |  | have been rea  |  |  |  |  |   |  |  |   |  |  |
|                              |   |  |  | 280 – Wear pr  |  |  |  |  |   |  |  |   |  |  |
|                              |   |  |  | 38 – IF IN ÉY  |  |  |  |  |   |  |  |   |  | < ! >  |
|                              |   |  |  | resent and eas   |  |  |  |  |   |  |  |   |  | <b>\•</b> /  |
|                              |   |  |  | P308+P317 – I  |  |  |  |  |   |  |  |   |  |  |
|                              |   |  | 501 - Dispose o  | of contents/con  | tainer to a  | licens   | ed trea  | tment  | , stora   | ge or o  | disposa  | al facilit                                | ty   | •  |
| 2.3                          | Other Warnings:   | (TSDF).  | •  |  |  |  |  |  |   |  |  |   | Щ.   |  |
| 2.3                          | Other warnings:   |  |  |  |  |  |  |  |   |  | ct a ph  | iysiciar                                  | or loc   | al poison contr  |
|                              |   |  | •  | e from the U.S.  | manutac  | turer, a   | ina sno  | ow the   | m this  | SDS.   |  |   |  |  |
|                              |   | KEEP OUT C   | F REACH OF   | CHILDREN.  |  |  |  |  |   |  |  |   |  |  |
|                              |   | 2 0  | OMPOCIT  | 101 0 111  | 2DED   | CNIT   | · INIE   | <u> </u>   | \   | 101  |  |   |  |  |
|                              |   | 3. 0   | OMPOSIT  | ION & INC  | JKED   |  | IINF   | UKI  |   |  |  | LAID (                                    | ( 3)   |  |
|                              |   |  |  |  |  | AC   | GIH  |  | NOHSC   |  | -IIVII I S IP  | N AIR (m<br>OSHA                          |  |  |
|                              |   |  |  |  |  | pp   |  |  | ppm   | <u> </u>   |  | ppm                                       | <u> </u>   |  |
|                              |   |  |  |  |  | PF   | <u> </u>   | ES-  | ES-   | ES-  |  |   |  |  |
|                              | ICAL NAME(S)  | CAS No.  | RTECS No.  | EINECS No.   | %  | TLV  | STEL   | TWA  | STEL  | PEAK   | PEL  | STEL                                      | IDLH   | OTHER  |
| HEM                          | ICAL NAME(3)  |  |  |  |  |  |  |  |   |  |  | 450                                       | NIA  |  |
|                              | OPYLENE GLYCOL  | 34590-94-8   | JM1575000  | 252-104-2  | 30-60  | 100  | 150  | 50   | 308   | NF   | 100  | 150                                       | NA   | SKIN   |
| DIPRO                        |   |  |  |  |  |  |  |  |   |  | 1  | 1   |  | SKIN   |
| DIPRO<br>MONO                | OPYLENE GLYCOL<br>OMETHYL ETHER   | 34590-94-8<br>7332-18-5  | JM1575000<br>ZC0110000   | 252-104-2  | 30-60  | 100<br>NE  | 150<br>NE  | 50<br>NF   | 308<br>NF   | NF<br>NF   | 100<br>NE  | NE  | NE   | SKIN   |
| DIPRO<br>MONO<br>WATE        | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER   |  |  |  |  |  |  |  |   |  | 1  | 1   |  | SKIN   |
| OIPRO<br>MONO<br>VATE        | OPYLENE GLYCOL<br>OMETHYL ETHER   | 7332-18-5  | ZC0110000  | 231-791-2  | 15-40  | NE   | NE   | NF   | NF  | NF   | NE   | NE  | NE   | SKIN   |
| OIPRO<br>MONO<br>VATE        | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER   | 7332-18-5  | ZC0110000  | 231-791-2  | 15-40  | NE<br>NA   | NE<br>NA   | NF<br>NF   | NF  | NF   | NE   | NE  | NE   | SKIN   |
| DIPRO<br>MONO<br>WATE        | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER   | 7332-18-5<br>125-20-2  | ZC0110000<br> NA   | 231-791-2<br>204-729-7   | 15-40<br>1-5   | NE<br>NA   | NE<br>NA   | NF<br>NF   | NF<br>NF  | NF<br>NF   | NE<br>NA   | NE NA                                     | NE<br>NA   |  |
| DIPRO<br>MONO<br>WATE        | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5  | ZC0110000  | 231-791-2<br>  204-729-7<br>  FIRST AI<br>  JCE VOMITING   | 15-40<br>1-5<br><b>D ME</b>  | NE NA NA SUIt Safety   | NE NA RES  | NF<br>NF<br>-1 (855  | NF<br>NF<br>5) 281-   | NF NF -1742  | NE<br>NA<br>or the i   | NE NA NA neares                           | NE<br>NA<br>t Poiso  | n Control Cente  |
| OIPRO<br>MONO<br>WATE        | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5<br>125-20-2  | IZC0110000  NA  4.  DO NOT INDI or local emerge  | 231-791-2<br>  204-729-7<br>  FIRST AI<br>  JCE VOMITING   | 15-40  1-5  D ME   | NE NA SUIt Safety for ass  | NE NA RES  | NF<br>NF<br>-1 (855<br>be and  | NF<br>NF<br>5) 281-   | NF NF  | NA NA Dr the I   | NE NA neares                              | NE<br>NA<br>t Poiso  | n Control Centenedical attentior   |
| DIPRO<br>MONO<br>WATE<br>HYM | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5<br>125-20-2  | IZC0110000  NA  4.  DO NOT INDI or local emerg If vomiting occ   | 231-791-2 204-729-7 FIRST AI JCE VOMITING gency telephon curs spontaneo  | 15-40  1-5  D ME   | NA N   | NE NA RES yCall + sistance 's hea  | NF NF -1 (855) De and d lowe   | NF NF 5) 281- instru  | NF NF -1742 (ctions.   | NA  NA  or the r  Seek ) to rec                                  | NA NA neares                              | NA NA t Poisodiate ne risk o   | n Control Centenedical attention   |
| DIPROMONO<br>WATE            | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5<br>125-20-2<br>Ingestion:  | IZC0110000  NA  4.  DO NOT INDI or local emery if vomiting occ if product get  | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, 1  | 15-40  1-5  D ME  G. Contace number usly, keep clush eyes  | NA NA SUI t Safety for asso victims thorous  | NE NA RES yCall + sistand 's hea ughly v   | NF NF 1 (855) ce and d lowe with co  | NF NF 5) 281- instruered (for   | NF NF -1742 (actions.orward amou                                     | NE NA  or the r Seek to reconts of                               | NA N  | NA  NA  t Poiso diate n e risk of                                    | n Control Centenedical attention of aspiration.  |
| OIPRO<br>MONO<br>WATE<br>HYM | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5<br>125-20-2<br>Ingestion:  | IZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting ocu if product get holding eyelid   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, 1  | 15-40  1-5  D ME  G. Contace number usly, keep dush eyes ture comp   | NE NA  | NE NA RES yCall + sistand 's hea ughly v shing.  | NF NF -1 (855) ce and d lowe with co   | NF NF 5) 281- instruered (for   | NF NF -1742 (actions.orward amou                                     | NE NA  or the r Seek to reconts of                               | NA N  | NA  NA  t Poiso diate n e risk of                                    | on Control Centenedical attention of aspiration.   |
| IPRO<br>IONO<br>VATE         | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5<br>125-20-2<br>Ingestion:  | IZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting ocu if product get holding eyelid use, consult a  | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo in the eyes, 1 (s) open to ensiphysician or elements.   | 15-40  1-5  D ME  G. Contace number usly, keep lush eyes ure compmergency  | NE NA  | NE NA NA NA PES  yCall + sistand 's hea ughly v shing.   | NF NF -1 (855 -e and d lowe with co If the iately.   | NF NF 5) 281- instru ered (fo   | NF NF -1742 (actions.) Drward amou or face                           | NE NA Dr the I Seek ) to reconts of                              | NA N  | NE  NA  t Poiso diate n e risk of                                    | on Control Centenedical attention of aspiration. east 15 minute uring or following   |
| OIPRO<br>MONO<br>WATE<br>HYM | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5 125-20-2 Ingestion: Eyes:  | IZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting ocu if product get holding eyelid use, consult a Remove conta   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo in the eyes, 1 (s) open to ensiphysician or eleminated clothi   | 15-40  1-5  D MEA  G. Contace number usly, keep lush eyes ure compenser compenser and was and was and was a sure and was a sure was and was a sure was a s | NA N   | NE NA  | NF NF 1 (855 and d lower with country lift the iately.   | NF NF 5) 281- instru ered (fo   | NF NF -1742 (actions orward amou or face)                            | NE NA NA NA Or the I Seek ) to reconts of becond water           | NE NA | NE NA t Poiso diate n e risk of for at le bllen de                   | on Control Centernedical attention of aspiration. east 15 minutes uring or following the persists and/or t |
| OIPRO<br>MONO<br>WATE        | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5 125-20-2 Ingestion: Eyes:  | IZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting ocu if product get holding eyelid use, consult a Remove conta   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, 1 (s) open to ens physician or el aminated clothi ion worsens, co  | 15-40  1-5  D MEA  G. Contace number usly, keep lush eyes ure compenser compenser and was and was and was a sure and was a sure was and was a sure was a s | NA N   | NE NA  | NF NF 1 (855 and d lower with country lift the iately.   | NF NF 5) 281- instru ered (fo   | NF NF -1742 (actions orward amou or face)                            | NE NA NA NA Or the I Seek ) to reconts of becond water           | NE NA | NE NA t Poiso diate n e risk of for at le bllen de                   | on Control Centenedical attention of aspiration. east 15 minute uring or following the persists and/or the persists and/or the control of the |
| OIPRO<br>MONO<br>WATE        | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5 125-20-2 Ingestion: Eyes:  | IZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting ocu if product get holding eyelid use, consult a Remove conta the skin reacti has been prop   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneous in the eyes, to spond to ensure physician or elementated clothicon worsens, coperly cleaned.  | 15-40  1-5  D ME/ G. Contace number usly, keep sure compargency and was natact a plantact a plantac | NE NA  | NE  NA  NA  RES  yCall - sistance 's hea ughly v shing. immediated a n imme  | NF NF -1 (855 ce and d lowe with co if the iately. areas vediately   | NF NF S) 281- instruered (for prious eyes with sory. Do   | NF NF -1742 (citions or ward amou or face) ap anonot we              | NE NA  NA Seek ) to reconts of e becond water                    | NE NA | NE  NA  t Poiso diate n e risk of for at libellen diacomfo ted clo   | on Control Centenedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after  |
| DIPROMONO WATE               | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:                       | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  | ZC0110000  NA  4.  DO NOT INDI or local emerg fl vomiting ocu if product get holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin Seek immedia   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, to (s) open to ens physician or en aminated clothi on worsens, co orly cleaned. In to fresh air at ate medical atte  | 15-40  D MEA  G. Contace number usly, keep flush eyes ure compargency and was near that a plantact a plantact a plantact.  | NE NA  | NE NA RES yCall + sistance 's hea ughly v shing. immed ected a n imme  | NF NF 1 (855 ce and d lowe with co If the iately. areas v  | NF NF S) 281- instructed (for poious eyes eyes with so y. Do  | NF NF -1742 (actions amou or face pap and not we preathi             | NE NA  NA Seek ) to reconts of e becond water                    | NE NA | NE  NA  t Poiso diate n e risk of for at libellen diacomfo ted clo   | on Control Centenedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after  |
| HYM                          | OPYLENE GLYCOL<br>OMETHYL ETHER<br>ER<br>OLPHTHALEIN                          | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  | ZC0110000  NA  4.  DO NOT INDI or local emerg fl vomiting ocu if product get holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin Seek immedia   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephoneurs spontaneous in the eyes, to so the eyes, to so the eyes of the | 15-40  D MEA  G. Contace number usly, keep flush eyes ure compargency and was near that a plantact a plantact a plantact.  | NE NA  | NE NA RES yCall + sistance 's hea ughly v shing. immed ected a n imme  | NF NF 1 (855 ce and d lowe with co If the iately. areas v  | NF NF S) 281- instructed (for poious eyes eyes with so y. Do  | NF NF -1742 (actions amou or face pap and not we preathi             | NE NA  NA Seek ) to reconts of e becond water                    | NE NA | NE  NA  t Poiso diate n e risk of for at libellen diacomfo ted clo   | n Control Cente  |
| HYM                          | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:                       | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  Inhalation:   | ZC0110000  NA  4.  DO NOT INDI or local emerg fl vomiting ocu if product get holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin Seek immedia   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, 1 (s) open to ens physician or en aminated clothi don worsens, co perly cleaned. In to fresh air at the tate medical atter ful if swallowed.   | 15-40  D MEA  G. Contace number usly, keep flush eyes ure compargency and was near that a plantact a plantact a plantact.  | NE NA  | NE NA RES yCall + sistance 's hea ughly v shing. immed ected a n imme  | NF NF 1 (855 ce and d lowe with co If the iately. areas v  | NF NF S) 281- instructed (for poious eyes eyes with so y. Do  | NF NF -1742 (actions amou or face pap and not we preathi             | NE NA  NA Seek ) to reconts of e becond water                    | NE NA | NE  NA  t Poiso diate n e risk of for at libellen diacomfo ted clo   | on Control Centenedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after  |
| HYM                          | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:                       | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  Inhalation:  Ingestion:   | ZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting occ if product get holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin Seek immedia May be harmf May cause ey   | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, 1 (s) open to ens physician or en aminated clothi don worsens, co perly cleaned. In to fresh air at the tate medical atter ful if swallowed.   | 15-40  D ME/ G. Contace number usly, keep flush eyes urre compand was nated a plonce. Uncertion.  May cau  | NE NA  | NE NA NA RES yCall -1 sistance is head ughly v shing. immed ented a n immed reme co  | NF NF 1 (855 ce and d lower with continued in the interval of  | NF NF S) 281- instructed (for popious eyes eyes ons, if be distributed for the second of the second | NF NF -1742 (citions or face) amou or face pap and not we oreathing. | NE NA  NA Seek ) to reconts of e becond water                    | NE NA | NE  NA  t Poiso diate n e risk of for at libellen diacomfo ted clo   | on Control Centenedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after  |
| HYM                          | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:                       | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  Inhalation:  Ingestion: Eyes:   | ZC0110000  NA  4.  DO NOT INDI or local emerg fl vomiting ocu if product get holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin Seek immedia May be harmf May cause ey May be harmf Inhalation of h  | 231-791-2  PIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, t (s) open to ens physician or en aminated clothi on worsens, co ently cleaned. In to fresh air at ate medical atter ful if swallowed the irritation ful if absorbed to high vapor condi-   | D MEA  G. Contace number usly, keep flush eyes ure compand was neared a plantact a plantact a plantact. May cau hrough skentrations  | NE NA  | NE NA NA RES yCall -1 sistance i's hea ughly v shing. immed ented a n imme   | NF NF 1 (855 ce and d lower with continue in the interval of t | NF NF S) 281- instructed (for popious eyes with so y. Do ons, if be ditation irritation   | NF NF -1742 (citions or face) amou or face pap and not we oreathing. | NE NA  Or the I Seek ) to rec ints of e becon d water ar con     | NE NA | NE NA t Poiso diate n e risk o for at l bllen do scomfo ted clo      | on Control Centernedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after tificial respiration  |
| HYM 4.1                      | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:  Effects of Exposure: | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  Inhalation:  Eyes: Skin: Inhalation:  | ZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting ocu if product get holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin Seek immedia May be harmf May cause ey May be harmf Inhalation of h headache, diz  | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, t (s) open to ens physician or en aminated clothi on worsens, co perly cleaned. In to fresh air at the medical atter atter medical atter ul if swallowed the irritation ul if absorbed to high vapor condizioness, disoriel  | D MEA  G. Contace number usly, keep rure compand was contact a plantact a plantact a plantact. May cau hrough skentrations.  | NE NA  | NE NA NA RES yCall -1 sistance i's hea ughly v shing. immed ented a n imme   | NF NF 1 (855 ce and d lower with continue in the interval of t | NF NF S) 281- instructed (for popious eyes with so y. Do ons, if be ditation irritation   | NF NF -1742 (citions or face) amou or face pap and not we oreathing. | NE NA  Or the I Seek ) to rec ints of e becon d water ar con     | NE NA | NE NA t Poiso diate n e risk o for at l bllen do scomfo ted clo      | on Control Centenedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after tificial respiration   |
| HYM 4.1                      | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:                       | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  Inhalation:  Eyes: Skin: Inhalation:  Ingestion:  | NA  A.  DO NOT INDI or local emerg If vomiting occ If product get holding eyelid use, consult a Remove conta the skin react has been prop Remove victin Seek immedia May be harm May cause ey May be harm Inhalation of h headache, diz Nausea, vomi   | 231-791-2  PIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, 1 (s) open to ens physician or en aminated clothi con worsens, co cerly cleaned. In to fresh air at- tate medical atte ful if swallowed. It if swallowed. It if absorbed to citing vapor conce cziness, disoriei ting, severe ab  | D MEA G. Contace number usly, keep flush eyes ure compand was nated a planter of the contact a planter of the contact and the contact of the  | NE  NA  NA  NA  NA  Safety for associated fluctoring ash affer extremediate fluctoring as a fluc | NE NA NA NA SEES VCall Sistance 's hea ughly v shing. immed ected a n immed reme co  | NF NF -1 (855 be and d lower with confidered in the condition of the condi | NF NF S) 281- instructed (for popious eyes with so y. Do ons, if be ditation irritation   | NF NF -1742 (citions or face) amou or face pap and not we oreathing. | NE NA  Or the I Seek ) to rec ints of e becon d water ar con     | NE NA | NE NA t Poiso diate n e risk o for at l bllen do scomfo ted clo      | on Control Centenedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after tificial respiration   |
| DIPRO<br>MONO<br>WATE        | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:  Effects of Exposure: | 125-20-2   125-20-2   125-20-2   Ingestion:   Eyes:   Skin:   Inhalation:   Eyes:   Skin:   Inhalation:   Ingestion:   Eyes:   Skin:   Inhalation:   Eyes:   Skin:   Inhalation:   Eyes:   Skin:   Ingestion:   Eyes:   Skin:   Inhalation:   Eyes:   Skin:   Ingestion:   Eyes:   Skin:   Eyes:   Skin:   Eyes:   Skin:   Eyes:   Skin:   Eyes:   Eye | ZC0110000  NA  4.  DO NOT INDI or local emerg if vomiting ocu if product get holding eyelid use, consult a Remove conta the skin reacti has been prop Remove victin Seek immedia May be harmf May cause ey May be harmf Inhalation of h headache, diz Nausea, vomi Redness, burn               | 231-791-2  204-729-7  FIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, t (s) open to ens physician or en ph | 15-40  D ME/ G. Contace number usly, keep flush eyes urre compand was natact a plantact a plantact and plantact and through skentrations.  May cau hrough skentration.  dominal pand swelli  | NE NA  | NE NA NA RES yCall -1 sistance 's hea ughly v shing. immed ected a n imme cereme ce estive t y cause cause o   | NF NF -1 (855 be and d lower with confidered in the condition of the condi | NF NF S) 281- instructed (for popious eyes with so y. Do ons, if be ditation irritation   | NF NF -1742 (citions or face) amou or face pap and not we oreathing. | NE NA  Or the I Seek ) to rec ints of e becon d water ar con     | NE NA | NE NA t Poiso diate n e risk o for at l bllen do scomfo ted clo      | on Control Centenedical attention of aspiration. east 15 minutes uring or following the persists and/othing until after  |
| /ATE                         | OPYLENE GLYCOL OMETHYL ETHER ER OLPHTHALEIN  First Aid:  Effects of Exposure: | 7332-18-5  125-20-2  Ingestion:  Eyes:  Skin:  Inhalation:  Eyes: Skin: Inhalation:  Ingestion:  | NA  A.  DO NOT INDI or local emerg If vomiting occ If product get holding eyelid use, consult a Remove conta the skin react has been prop Remove victir Seek immedia May be harm May cause ey May be harm Inhalation of h headache, diz Nausea, vomi Redness, burn Redness, burn Redness, burn | 231-791-2  PIRST AI  JCE VOMITING gency telephon curs spontaneo s in the eyes, 1 (s) open to ens physician or en aminated clothi con worsens, co cerly cleaned. In to fresh air at- tate medical atte ful if swallowed. It if swallowed. It if absorbed to citing vapor conce cziness, disoriei ting, severe ab  | D MEA G. Contace number usly, keep flush eyes ure compand was nated a plushed on tact a plushed on tact a plushed on tact and the contact and  | NE NA NA NA Sult Safety for associated flu room in ash affer hysicial der extr se dige in. May s may c ain. ng arou ing of s   | NE NA NA VCall + Sistance is heat ughly to shing. immediate an immediate to the still of the sti | NF NF 1 (855 ce and do lower with condition of the condit | NF NF Si) 281- instructed (for prious eyes eyes eyes eyes eyes eyes eyes ey   | NF NF -1742 (citions or face) amou or face pap and not we oreathing. | NE NA Or the I Seek ) to reconts of e becond water ar conng stop | NE NA | NE  NA  t Poiso diate n e risk of for at le billen di scomfo ted clo | n Control Cent<br>nedical attention<br>of aspiration.<br>east 15 minute<br>uring or followi<br>rt persists and,<br>thing until afte<br>tificial respiration  |



Page 2 of 5 **BTI-053** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 2.0

SDS Revision Date: 12/6/2022

|            |  | 4. FIRST  | <u> AID MEASU</u>  | RES -  | cont'  | d  |  |  |  |   |   |
|------------|--|---|--|--|--|--|--|--|--|---|---|
| 4.4        | Acute Health Effects:  | Causes respiratory tract irritation eye irritation.   | . Harmful if swallov   | wed. Harm  | ıful if abs  | orbed thro   | ough skin  | . Causes   | s skin irr   | itation. Ca   | ause  |
| 4.5        | Chronic Health Effects:  | None reported by the manufacture  | er.  |  |  |  |  |  |  |   |   |
| 1.6        | Target Organs:   | Eyes, Skin, Respiratory System  |  |  |  |  |  |  |  |   |   |
| 1.7        | Medical Conditions Aggravated by Exposure:   | Pre-existing skin, eye or respirato   | ory disorders.   |  |  | HEA  | LTH  |  |  |   | 1   |
|            | 33 7 1   |   |  |  |  | FLA  | <b>MMABIL</b>  | .ITY   |  |   | 1   |
|            |  |   |  |  |  | PHY  | SICAL H  | IAZARI   | DS   |   | 0   |
|            |  |   |  |  |  |  | TECTIV   |  |  | т   | В   |
|            |  |   |  |  |  | EYES   |  | KIN  | 1011   | <u>.                                      </u>  |   |
|            |  |   |  |  |  | LILO   | , , 0,   | IXIIX  |  | <u> </u>  |   |
|            |  | 5. FIRE   | FIGHTING N   | <b>MEASU</b>   | IRES   |  |  |  |  |   |   |
| 5.1        | Fire & Explosion Hazards:  | Non-flammable. May react with m   |  |  |  | can form e   | xplosive r   | mixtures   | with   |   |   |
| .2         | Extinguishing Methods:   | Use fire-extinguishing media appr   | ropriate for surrour   | nding mate   | erials.  |  |  |  |  |   |   |
| 5.3        | Firefighting Procedures:   | As with any fire, firefighters shou approved or equivalent self-conta as for surrounding materials. degradation may produce oxides should be fought from a safe dist spray to cool fire-exposed surface control or dilution from entering se  | ained breathing ap<br>Hazardous deco<br>s of carbon, and/o<br>ance. Keep conta<br>es and to protect p  | paratus (Somposition or nitroger ainers cool personal.   | CBA) an product n, hydroc until wel  | d protectives may be arbons an after the upwind. P   | ve clothing<br>e release<br>nd/or dering<br>fire is out<br>revent rui  | g. Fight<br>ed. The<br>vatives.<br>t. Use w<br>noff from   | fires<br>rmal<br>Fire<br>vater   | 1   | 0   |
|            |  |   |  |  |  |  | arai watei   | . way.   | l l  |   |   |
|            |  | 6. ACCIDEN  | TAL RELEA  | ASE ME   | EASUI  | RES  |  |  |  |   |   |
|            |  | ventilation (open doors and windo<br>and place into appropriate closed  | container(s) for dis   | ll sources o<br>sposal. Di   | of ignition spose of   | . Remove properly in   | spilled n<br>accorda   | naterial v<br>nce with   | with absolocal, st   | orbent ma<br>ate and fe   | teri<br>der                                   |
|            |  | ventilation (open doors and windo   | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry to to containers for taminated clothing   | Il sources of<br>sposal. Di-<br>e of conta-<br>reuse.<br>to all unpro-<br>or recovery<br>g promptly  | of ignition spose of iner with otected in or dispo   | Remove<br>properly in<br>plenty of<br>dividuals.<br>sal and so<br>sh affected  | spilled n<br>accordan<br>warm w<br>Dike and  | naterial v<br>nce with<br>/ater and<br>d contain<br>material   | with absolocal, st<br>d soap.<br>n spill with<br>to sepa   | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>arate conta   | teri<br>der<br>ater                           |
|            |  | ventilation (open doors and windo<br>and place into appropriate closed<br>regulations. Wash all affected<br>contaminated clothing and wash<br>For <u>large spills</u> (e.g., ≥ 1 gallon (3<br>(e.g., sand or earth). Transfer liqu<br>for proper disposal. Remove cor   | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry to did to containers for taminated clothing municipal sewers and containers and containers of the containers are contained to the containers of the c | Il sources of sposal. Di e of conta reuse. to all unpro or recovery g promptly and open to spos and open to spos e | of ignition spose of iner with otected in or disponsional was podies of  | Remove properly in plenty of dividuals. sal and so sh affected water.  | spilled n<br>accordan<br>warm w<br>Dike and  | naterial v<br>nce with<br>/ater and<br>d contain<br>material   | with absolocal, st<br>d soap.<br>n spill with<br>to sepa   | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>arate conta   | teri<br>der<br>ar<br>ateri                    |
| 7.1        | Work & Hygiene Practices:  Storage & Handling:   | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liquifor proper disposal. Remove corspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residu   | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry full to containers for taminated clothing municipal sewers at a STORAG void eye and skin at, drink or smoke only in ventilated a les.   | Il sources of sposal. Die of contar reuse. It o all unpropried promptly and open to the contact. We when har areas. Kee  | of ignition spose of iner with otected in or disport and was podies of the protest of the protes | Remove properly in plenty of dividuals. sal and so sh affected water.  | be spilled in accordance warm we warm we be  | naterial v<br>nce with<br>vater and<br>d contain<br>material<br>eas with<br>hen hand<br>oroughly<br>en. Imn  | with absilocal, st<br>local, st<br>d soap.<br>I spill with<br>I to sepa<br>soap an<br>dling pro<br>/ after h.<br>nediatel  | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>trate conta<br>d water.   | teri<br>der<br>e an<br>ater<br>aine<br>Ke     |
|            |  | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liquifor proper disposal. Remove corspills and cleaning runoffs out of the teach of children. Do not expose to heat and flame. Use of  | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry fuid to containers for taminated clothing municipal sewers at a STORAG void eye and skin at, drink or smoke only in ventilated a les.   | Il sources of sposal. Die of contareuse. It of all unproper recovery g promptly and open to contact. We when har areas. Kee fe.g., local covered v   | of ignition spose of iner with otected in or disport and was podies of other with other tending this ep out of exhaust when not  | Remove properly in plenty of dividuals. sal and so sh affected water.  TION ective equits product, the reach rentilation, in use. Av   | Dike and lid diking diskin are wash the of childres and color of the c | naterial v nce with vater and d contain material eas with hen hand oroughly en. Imn ay from h peratures  | with absilocal, stid soap.  I spill with to sepa soap an after he nediately meat and above   | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>irate conta<br>ind water.<br>oduct. Kee<br>andling. D<br>y clean-up                         | teri<br>der<br>e ar<br>ater<br>aine<br>Ke     |
| .2         |  | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liquifor proper disposal. Remove corspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residues. Use and store in a cool, dry, well-vestore in acid-resistant containers.   | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry fuid to containers for taminated clothing municipal sewers at a STORAG void eye and skin at, drink or smoke only in ventilated a les. entilated location (Keep containers stances (see Section of Section 1) and section (Seep containers stances (see Section of Section 1) and section (Seep containers section 2) and section (Seep containers section 2) and section (Seep containers section 2) and section 3)  | Il sources of sposal. Die of contar reuse. It o all unpropried promptly and open be a sposal when har areas. Kee te.g., local covered witten 10). P  | of ignition spose of iner with otected in or disport and was podies of other with other tending this ep out of exhaust when not  | Remove properly in plenty of dividuals. sal and so sh affected water.  TION ective equits product, the reach rentilation, in use. Av   | Dike and lid diking diskin are wash the of childres and color of the c | naterial v nce with vater and d contain material eas with hen hand oroughly en. Imn ay from h peratures  | with absilocal, stid soap.  I spill with to sepa soap an after he nediately meat and above   | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>irate conta<br>ind water.<br>oduct. Kee<br>andling. D<br>y clean-up                         | teri<br>der<br>e ar<br>ater<br>aine<br>Ke     |
| '.2        | Storage & Handling:  | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liquifor proper disposal. Remove corspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residue use and store in a cool, dry, well-vestore in acid-resistant containers. Keep away from incompatible subtempty containers may retain haza  | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry fuid to containers for taminated clothing municipal sewers at a STORAG void eye and skin at, drink or smoke only in ventilated a ues.  entilated location (Keep containers is stances (see Sectardous product res   | Il sources of sposal. Die of contar reuse. It o all unpropried promptly and open to the contact. We when har areas. Kee re.g., local covered wition 10). Posidues.   | of ignition spose of iner with otected in or disport and was podies of the policy of t | Remove properly in plenty of dividuals. sal and so sh affected water.  TION ective equits product, the reach rentilation, in use. Autainers from   | Dike and lid diking d skin are pment wl Wash the of childres fans) awayoid tempom physic   | naterial v<br>nce with<br>vater and<br>d contain<br>material<br>eas with<br>hen hand<br>oroughly<br>en. Imn<br>ay from h<br>peratures<br>cal dama  | with absilocal, stid soap.  I spill with to sepa soap an after he nediately meat and above   | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>irate conta<br>ind water.<br>oduct. Kee<br>andling. D<br>y clean-up                         | terider<br>der<br>e ar<br>ater<br>aine<br>Kee |
|            | Storage & Handling:  Special Precautions:  | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liquifor proper disposal. Remove corspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residues use and store in a cool, dry, well-vestore in acid-resistant containers. Keep away from incompatible sub  | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry full to containers for taminated clothing municipal sewers at a STORAG void eye and skin at, drink or smoke only in ventilated a les.  entilated location (Keep containers (see Sect ardous product res   | Il sources of sposal. Die of contar reuse. It o all unpropried promptly and open to the contact. We when har areas. Kee re.g., local covered wition 10). Posidues.   | of ignition spose of iner with otected in or dispose and was podies of oten of the control of th | Remove properly in plenty of dividuals. sal and so sh affected water.  TION ective equits product, the reach rentilation, in use. Autainers from   | Dike and lid diking d skin are pment wl Wash the of childres fans) awayoid tempom physic   | naterial v<br>nce with<br>vater and<br>d contain<br>material<br>eas with<br>hen hand<br>oroughly<br>en. Imm<br>ay from heratures<br>cal dama   | with absilocal, stid soap.  I spill with to sepa soap an after he nediately meat and above   | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>trate conta<br>nd water.  | teri<br>der<br>e ar<br>ater<br>aine<br>Ke     |
| 7.2        | Storage & Handling:  | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liquit for proper disposal. Remove conspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residuent use and store in a cool, dry, well-venture to the substitution of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residuent use and store in a cool, dry, well-venture to account the substitution of the reach of children. Store in acid-resistant containers. Keep away from incompatible substitutions and the substitution of the reach of children.   | container(s) for disareas and outside thoroughly before (a.8 L)), deny entry fuid to containers for intaminated clothing municipal sewers at the sewers at t | Il sources of sposal. Die of contar reuse. to all unpropried promptly and open in the sposal properties. The sposal properties of the sposal prope | of ignition spose of iner with otected in or dispo or and was podies of the protect of the protect of the protect correct corr | Remove properly in plenty of dividuals. sal and so sh affected water.  TION ective equities product, the reach rentilation, in use. Available ROTEC  | Dike and diking diskin are pment who of childred fans) awayoid tempom physic   | naterial vace with vater and donaterial and donaterial and donaterial and donaterial and with the coroughly ren. Immorroughly ren. Immorro | with absilocal, stid soap.  I spill with a spill with the separate soap and the separate soap and the spill with the separate soap and the spill with the sp | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>irate conta<br>ind water.<br>oduct. Kee<br>andling. D<br>y clean-up                         | terider<br>der<br>ater<br>aine<br>Ke          |
| .3         | Storage & Handling:  Special Precautions:  Exposure Limits:  | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liqting for proper disposal. Remove conspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residu. Use and store in a cool, dry, well-velocity Store in acid-resistant containers. Keep away from incompatible subtempty containers may retain haze.  8. EXPOSURE CONT   | ows) and secure all container(s) for disareas and outside thoroughly before (a.8 L)), deny entry full to containers for taminated clothing municipal sewers at a STORAG void eye and skin at, drink or smoke only in ventilated a les.  entilated location (Keep containers (see Sect ardous product res   | Il sources of sposal. Die of contar reuse. It o all unpropried promptly and open to the contact. We when har areas. Kee re.g., local covered wition 10). Posidues.   | of ignition spose of iner with otected in or dispo or and was podies of oter with the otected in or dispose of the otected in or dispose of oter or dispose of oter or dispose of oter or otect correct correct correct correct of the oter or otect correct of oter oter oter oter oter oter oter oter  | Remove properly in plenty of dividuals. sal and so sh affected water.  TION ective equite product, the reach rentilation, in use. Avaitainers from ROTEC   | Dike and lid diking d skin are pment wl Wash the of childres fans) awayoid tempom physic   | naterial v<br>nce with<br>vater and<br>d contain<br>material<br>eas with<br>hen hand<br>oroughly<br>en. Imm<br>ay from heratures<br>cal dama   | with absilocal, stid soap.  I spill with to sepa soap an after he nediately meat and above   | orbent ma<br>ate and fe<br>Remove<br>th inert ma<br>trate conta<br>nd water.  | terider<br>der<br>ater<br>aine<br>Ke          |
| .3         | Storage & Handling:  Special Precautions:  Exposure Limits:  | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liquing for proper disposal. Remove conspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residue use and store in a cool, dry, well-vy Store in acid-resistant containers. Keep away from incompatible subtempty containers may retain haze.  8. EXPOSURE CONT   | container(s) for disareas and outside thoroughly before (a.8 L)), deny entry full to containers for taminated clothing municipal sewers at a STORAG void eye and skin at, drink or smoke only in ventilated a cles.  entilated location ( Keep containers (see Sect ardous product reserved to the containers of the container | Il sources of sposal. Die of contar reuse. It oall unproor recovery g promptly and open be to sposal. When har areas. Kee to side of the contact of the cont | of ignition spose of iner with otected in or dispo or and was podies of oter with the otected in or dispo or and was podies of oter of the otected in oter otected in oter otected in oter otected in oter otected in oter otected in oter otected in oter otected in oter otected in otected in otected in otected in otected in otected  | Remove properly in plenty of dividuals. sal and so sh affected water.  TION ective equites product, the reach rentilation, in use. Available of the control  | Dike and diking diskin are spilled in accordance warm we have a spilled in accordance warm with a skin are spilled in accordance with a spilled in accordance with a skin accordance warm with a skin accordance  | naterial vance with vater and department of contain material eas with seasons with seasons with seasons or material eas with seasons or material easiers.   | with absolucial, still discal, still discal, still discal, still discal, still discal, still discald d | orbent ma ate and fe Remove th inert ma trate conta d water.  oduct. Kee andling. D y clean-up I direct sur 40 °C (12)  OTHER  SKIN erated froi | teriderideriderideriderideriderideriderid     |
| '.2<br>'.3 | Storage & Handling:  Special Precautions:  Exposure Limits: ppm (mg/m³)  Ventilation & Engineering | ventilation (open doors and windon and place into appropriate closed regulations. Wash all affected contaminated clothing and wash for large spills (e.g., ≥ 1 gallon (3 (e.g., sand or earth). Transfer liqtifor proper disposal. Remove corspills and cleaning runoffs out of the reach of children. Do not expose to heat and flame. Use of decontaminate any spills or residue Use and store in a cool, dry, well-venture store in acid-resistant containers. Keep away from incompatible subtempty containers may retain haza.  8. EXPOSURE CONT  CHEMICAL NAME(S)  DIPROPYLENE GLYCOL MONOMETHYL ETHER  Use local or general exhaust ventual ding of this product. Ensure and store in some content of the conten | container(s) for disareas and outside thoroughly before (a.8 L)), deny entry fuid to containers for intaminated clothing municipal sewers at the sewers are  | Il sources of sposal. Die of contar reuse. to all unproper promptly and open in the sposal property of the sposal  | of ignition spose of iner with the tected in a recipion of and was podies of the tected in a recipion of and was podies of the tected in a recipion of and was podies of the tected in t | Remove properly in plenty of dividuals. sal and so sh affected water.  TION petive equits product, the reach rentilation, in use. Avaitainers from the product of the respirator of the respirator of the regulator of the regulator of the regulator of the regulator of the respirator of the regulator of the regulat | Dike and diking diskin are perment when the perment when  | osha  stel  osha  osha  stel  osha  osha  stel  osha  osha  stel   | with absoluced, stated soap.  In spill with a soap.  In spill with a soap and a soap a soap and a soap a soap and a soap a soap and  | orbent ma ate and fe Remove th inert ma trate conta d water.  oduct. Kee andling. D y clean-up I direct sur 40 °C (12)  OTHER  SKIN erated froi | teriderideriderideriderideriderideriderid     |



Page 3 of 5 **BTI-053** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 2.0

SDS Revision Date: 12/6/2022

| 0.5  |   | EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd  |
|------|---|---|
| 8.5  | Hand Protection:                                      | Wear protective, chemical-resistant gloves (e.g., neoprene) when using or handling this product.  |
| 3.6  | Body Protection:                                      | A chemical resistant apron and/or protective clothing are recommended when handling or using this product.  |
|      |   | 9. PHYSICAL & CHEMICAL PROPERTIES   |
| ).1  | Appearance:   | Clear, colorless liquid   |
| 9.2  | Odor:   | Solvent odor  |
| 9.3  | Odor Threshold:                                       | NA NA   |
| 9.4  | pH:   | 5.5   |
| 9.5  | Melting Point/Freezing Point:                         | NA NA   |
| 9.6  | Initial Boiling Point/Boiling                         | > 100 °C (> 212 °F)   |
| 9.7  | Range:<br>Flashpoint:                                 | NA  |
| 9.8  | Upper/Lower Flammability                              |   |
|      | Limits:   | NA  |
| 9.9  | Vapor Pressure:                                       | NA .  |
| 9.10 | Vapor Density:  | >1  |
| 9.11 | Relative Density:                                     | 0.99  |
| 9.12 | Solubility:   | Complete (water)  |
| 9.13 | Partition Coefficient (log Pow):                      | NA NA   |
| 9.14 | Autoignition Temperature:  Decomposition Temperature: | NA NA   |
| 9.16 | Viscosity:  | NA NA   |
| 9.17 | Other Information:                                    |   |
| 7.17 | Other mornation.                                      | Evaporation Rate: < 1.0 (ethyl ether = 1.0)   |
|      |   | 10. STABILITY & REACTIVITY  |
| 0.1  | Stability:  | Stable.   |
| 0.2  | Hazardous Decomposition                               | Thermal decomposition may produce carbon monoxide, carbon dioxide.  |
| 10.3 | Products: Hazardous Polymerization:                   | Will not occur.   |
| 10.4 | Conditions to Avoid:                                  | Avoid high temperatures and ignition sources.   |
| 10.5 | Incompatible Substances:                              | Strong oxidizers  |
|      | '   | Ottorig oxidizers   |
|      |   | 11. TOXICOLOGICAL INFORMATION   |
| 11.1 | Routes of Entry:                                      | Inhalation: YES Absorption: YES Ingestion: YES  |
| 11.2 | Toxicity Data:  | Dipropylene Glycol Monomethyl Ether: LD <sub>50</sub> (oral, rat): 5130 mg/kg   |
| 11.3 | Acute Toxicity:                                       | See Section 4.4   |
| 11.4 | Chronic Toxicity:                                     | See Section 4.5   |
| 11.5 | Suspected Carcinogen:                                 | NA NA   |
| 1.6  | 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: Teratogenicity:                       | This product is not reported to produce embryotoxic effects in humans.  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 4.2   |
| 11.8 | Biological Exposure Indices:                          | NE  |
| 11.9 | Physician Recommendations:                            | Treat symptomatically.  |
|      |   |   |
|      |   | 12. ECOLOGICAL INFORMATION  |
| 12.1 | Environmental Stability:                              | No data available.  |
| 12.2 | Effects on Plants & Animals:                          | Animal studies have shown nominal effects to liver and kidneys. The relevance of these studies to humans is unknow                                    |
| 12.2 | Effects on Aquatic Life:                              | There are no specific data available for this product; however, very large releases of this product may be harmful or fa to overexposed aquatic life. |
|      |   | to overexposed aquatio me.  |
|      |   | 13. DISPOSAL CONSIDERATIONS   |
| 12.3 | Waste Disposal:                                       |   |



Page 4 of 5 **BTI-053** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 2.0

SDS Revision Date: 12/6/2022

| 14. | TRANSP( | ORTATION II | NFORMATION |
|-----|---------|-------------|------------|
|-----|---------|-------------|------------|

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

| 14.1 | 49 CFR (GND):        | NOT REGULATED |
|------|----------------------|---------------|
| 14.2 | IATA (AIR):          | NOT REGULATED |
| 14.3 | IMDG (OCN):          | NOT REGULATED |
| 14.4 | TDGR (Canadian GND): | NOT REGULATED |
| 14.5 | ADR/RID (EU):        | NOT REGULATED |
| 14.6 | SCT (MEXICO):        | NOT REGULATED |
| 14.7 | ADGR (AUS):          | NOT REGULATED |

## 15. REGULATORY INFORMATION

| 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 NA  |  |
| 15.5 | Other Federal Requirements: | NA NA  |  |
| 15.6 | Other Canadian Regulations: | This product has been classified according to the hazard criteria of the HPR and the MSDS contains all of the information required by the HPR. 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 Class D2B (Other Toxic Effects) |  |
| 1    | 01 1 0 11 11 11             |  |  |



Thymolphthalein is found on the following state criteria list: MA, NJ and PA.

State Regulatory Information:

SARA Reporting

Requirements SARA TPQ:

> No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

> DANGER! CAUSES SERIOUS EYE IRRITATION. Obtain special instructions before use. Do not handle until all safety

precautions have been read and understood. Wash with soap and water thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes.

This product does not contain any substances subject to SARA Title III, sections 302 or 313 reporting requirements.

15.8 Other Requirements: NA

Other Information:

16.1

## 16. OTHER INFORMATION

|      |                      |  | do. Continue Rinsing. If eye irritation persists: Get medical help. IF bocked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.   |
|------|----------------------|--|--|
| 16.2 | Terms & Definitions: | See last page of this Safety Data Sheet.   |  |
| 16.3 | Disclaimer:          | government regulations must be reviewed for a<br>Technologies' knowledge, the information contai<br>suitability or completeness is not guaranteed an<br>The information contained herein relates only to the | SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & Birchwood ned herein is reliable and accurate as of this date; however, accuracy, d no warranties of any type, either expressed or implied, are provided. he specific product(s). If this product(s) is combined with other materials, Data may be changed from time to time. Be sure to consult the latest |
| 16.4 | Prepared for:        | Birchwood Technologies   |  |

|      |              | 7900 Fuller Road<br>Eden Prairie, MN 55344 USA<br>Tel: +1 (952) 937-7900<br>Fax: +1 (952) 937-7979       |
|------|--------------|--|
|      |              | http://www.birchwoodtechnologies.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







Page 5 of 5 **BTI-053** 

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, GHS & EU Standards

SDS Revision: 2.0

SDS Revision Date: 12/6/2022

### **DEFINITION OF TERMS**

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

#### **GENERAL INFORMATION:**

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

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

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

#### FIRST AID MEASURES:

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

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

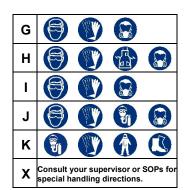
#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

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



## PERSONAL PROTECTION RATINGS:

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





#### OTHER STANDARD ABBREVIATIONS:

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

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

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

#### **HAZARD RATINGS:**

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

#### TOXICOLOGICAL INFORMATION:

| Lethal Dose (solids & liquids) which kills 50% of the exposed animals |  |  |  |
|---|--|--|--|
| Lethal concentration (gases) which kills 50% of the exposed animal    |  |  |  |
| Concentration expressed in parts of material per million parts        |  |  |  |
| Lowest dose to cause a symptom  |  |  |  |
| Lowest concentration to cause a symptom                               |  |  |  |
| Lowest dose (or concentration) to cause lethal or toxic effects       |  |  |  |
|   |  |  |  |
| International Agency for Research on Cancer                           |  |  |  |
| National Toxicology Program   |  |  |  |
| Registry of Toxic Effects of Chemical Substances                      |  |  |  |
| Bioconcentration Factor   |  |  |  |
| Median threshold limit  |  |  |  |
| Coefficient of Oil/Water Distribution                                 |  |  |  |
|   |  |  |  |

#### REGULATORY INFORMATION:

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

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

| 0          | <b>(A)</b> | <b>(2)</b> | (3)      | $\odot$    | (4)        |           | (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:

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