## Material Safety Data Sheet

|   | Heading                     | Subheading   |
|---|-----------------------------|--|
| 1 | -                           | <ul> <li>(a) Product identifier used on the label</li> <li>Mediwiper</li> <li>(b) Other means of identification</li> <li>: no applicable information available</li> <li>(c) Recommended use of the chemical and restrictions on use</li> <li>: no applicable information available</li> <li>(d) Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party ;</li> </ul>  |
| 2 | Hazard(s)<br>identification | <ul> <li>(a) Classification of the chemical in accordance with paragraph (d) of 1910.1200;</li> <li>(b) Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of 1910.1200 (Hazard symbols may be provided as graphical reproductions in black and white or the name of the symbol, e.g., flame, skull and crossbones);</li> <li>signal word : caution</li> </ul>  |
|   |                             | <ul> <li>precaution : no applicable information available</li> <li>storage : no applicable information available</li> <li>(c) Describe any hazards not otherwise classified that have been identified during the classification process</li> <li>: no applicable information available</li> <li>(d) Where an ingredient with unknown acute toxicity is used in a mixture at a concentration = 1% and the mixture is not classified based on testing of the mixture as a whole, a statement that X% of the mixture consists of ingredient(s) of unknown acute toxicity is required.</li> <li>: no applicable information available</li> </ul> |
| 3 | composition /               | Except as provided for in paragraph (i) of 1910.1200 on trade secrets :<br>For substances<br>(a) Chemical name;<br>(b) Common name and synonyms;<br>(c ) CAS number and other unique identifiers;  |

(d) Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance.

| 4         Water         1732-18-5         97.81C           2         Disodium B07A         139-33         0.1000           3         Sodium Beroate         532-32-1         0.450           4         Gysenin         56-81-5         0.500           5         Benaltonium chloride         8001-54-5         0.100           6         Polyaorbate 20         9005-64-5         0.400           7         Icoopheryl acetate         59-97         0.020           8         Phenosyltaeta0         122-39-6         0.600           9         Citic aid         77-92-9         0.030           For Mixtures         In addition to the information required for substances:         (a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and         (1) are present above their cut-off/concentration limits; or         (2) present a health risk below the cut-off/concentration limits.         (b) The concentration (exact percentage) shall be specified unless a trade secret claim is made in accordance with paragraph (d) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.           4         For All Chemical Where a Trade Secret is Claimed         Where a trade s   |   |               |  | C              | ontribute to the classification of the substance.  |   |              |  |
|---|---|---------------|--|----------------|--|---|--------------|--|
| 2         Disodium EDIA         139-33-3         0.100           3         Sodium berazate         532-32-1         0.450           4         Giprerin         56-81-5         0.500           5         Berzalkonium chlande         801-54-5         0.100           6         Polysothate 20         900-64-5         0.400           7         Toropheryl acetate         58-07         0.010           8         Phenocytate 20         900-64-5         0.600           9         Ctric add         77-92-9         0.030           For Mixtures         In addition to the information required for substances: <ul> <li>(a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards. in accordance paragraph (d) of 1910.1200 and</li> <li>(1) are present above their cut-off/concentration limits.</li> <li>(b) The concentration (exact percentage) shall be specified unless a trade secre claim is made in accordance with paragraph (1) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A.0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.           For All Chemicals Where a Trade Secret is Claimed         Where a trade secret is claimed in accordance with paragraph (1) of 1910.1200, a state that the specific chemical identity and/or exact percentage (concentration) of composi has been with held as a trade secre</li></ul>   |   |               | Ν  | No.            | INCI Name  | CAS No.   | WT %         |  |
| 3         Sodium berzoate         532-32-1         0.450           4         Glycerin         56-81-5         0.500           5         Benzalkonium chloride         8001-54-5         0.100           6         Prelsynthme 20         9005-64-5         0.400           7         Toccopheryl acctate         58-85-7         0.010           9         Citric acid         77-92-9         0.030           For Mixtures         In addition to the information required for substances:         (a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and         (1) are present above their cut-off/concentration limits; or         (2) present a health risk below the cut-off/concentration limits.           (b) The concentration (exact percentage) shall be specified unless a trade secret claim is made in accordance with paragraph (l) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.           For All Chemicals Where a Trade Secret is Claimed         Where a trade secret is claimed           Where a trade secret is claimed         Where a trade secret is required.         (a) Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion         : Eye Contact : No   |   |               |  | 1              | Water  | 7732-18-5   | 97.81000     |  |
| 4         Glycerin         56-81-5         0.500           5         Berzalkonium chloride         8001-54-5         0.100           6         Polysotate 20         9005-64-5         0.400           7         Tocopheryl acetate         58-95-7         0.010           8         Phenosynthanol         122-99-6         0.600           9         Crirc aid         77-92-9         0.030           For Mixtures         In addition to the information required for substances:         (a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and         (1) are present above their cut-off/concentration limits.         (b) The concentration (exact percentage) shall be specified unless a trade secret claim is made in accordance with paragraph (1) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A.0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.           For All Chemicals Where a Trade Secret is Claimed         Where a trade secret is claimed Where a trade secret is claimed           Where a trade secret is claimed in accordance with paragraph (0) of 1910.1200, a state that the specific chemical identity and/or exact percentage (concentration) of composi has been with held as a trade secret is required.           4         First-aid measures         (a) Description of necessary measures, subdivide  |   |               |  | 2              | Disodium EDTA  | 139-33-3  | 0.10000      |  |
| 4         First-aid<br>measures         5         Benzakknium chloride         8001-54-5         0.100           6         Polysobate 20         9005-64-5         0.400           7         Tocopheryl acetate         58-95-7         0.0100           8         Pilenovgethanol         122-99-6         0.600           9         Citric acid         77-92-3         0.030           For Mixtures         In addition to the information required for substances:         (a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and         (1) are present above their cut-off/concentration limits; or         (2) present a health risk below the cut-off/concentration limits.           (b) The concentration (exact percentage) shall be specified unless a trade secre claim is made in accordance with paragraph (d) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A.05.1.2) with similar chemical composition. In these cases, concentration ranges may be used.           For All Chemicals Where a Trade Secret is Claimed         Where a trade secret is claimed in accordance with paragraph (d) of 1910.1200, a state that the specific chemical identity and/or exact percentage (concentration) of composi has been with held as a trade secret is required.           4         First-aid measures         (a) Description of necessary measures, subdivided according to the different routes of exposure, i.  |   |               |  | 3              | Sodium benzoate  | 532-32-1  | 0.45000      |  |
| 4         First-aid<br>measures         6         Polysorbate 20         9005-64-5         0.400           7         Tocopheryl acetate         58-95-7         0.010           8         Phenoxyethanol         122-99-6         0.6600           9         Citric acid         77-92-9         0.030           For Mixtures         In addition to the information required for substances:         (a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and         (1) are present above their cut-off/concentration limits; or         (2) present a health risk below the cut-off/concentration limits.           (b) The concentration (exact percentage) shall be specified unless a trade secret claim is made in accordance with paragraph (1) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A.0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.           For All Chemicals Where a Trade Secret is Claimed         Where a trade secret is claimed in accordance with paragraph (1) of 1910.1200, a state that the specific chemical identity and/or exact percentage (concentration) of composi has been with held as a trade secret is required.           4         First-aid measures         (a) Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion           Eye Contact : No adverse effects kno   |   |               |  | 4              | Glycerin   | 56-81-5   | 0.50000      |  |
| Image: space of the system of the s |   |               |  | 5              | Benzalkonium chloride  | 8001-54-5   | 0.10000      |  |
| 8         Phenoxyethanol         122:99-6         0.600           9         Citric acid         77:92:9         0.030           For Mixtures         In addition to the information required for substances:         (a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and         (1) are present above their cut-off/concentration limits; or (2) present a health risk below the cut-off/concentration limits.         (b) The concentration (exact percentage) shall be specified unless a trade secre claim is made in accordance with paragraph (1) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A.0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.           For All Chemicals Where a Trade Secret is Claimed         Where a trade secret is claimed in accordance with paragraph (1) of 1910.1200, a state that the specific chemical identity and/or exact percentage (concentration) of composi has been with held as a trade secret is required.           4         First-aid measures         (a) Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion           :Eye Contact : No adverse effects known         (b) Most important symptoms/effects, acute and delayed/           :o applicable information available         (c) Indication of immediate medical attention and special treatment needed, if necess -inhalation : Remove from exposure to fresh air if symptomatic. Get medical attenti  |   |               |  | 6              | Polysorbate 20   | 9005-64-5   | 0.40000      |  |
| 9         Citric acid         77-92-9         0.030           For Mixtures         In addition to the information required for substances: <ul></ul>  |   |               |  | 7              | Tocopheryl acetate   | 58-95-7   | 0.01000      |  |
| <ul> <li>For Mixtures         <ul> <li>In addition to the information required for substances:</li></ul></li></ul>  |   |               |  | 8              | Phenoxyethanol   | 122-99-6  | 0.60000      |  |
| In addition to the information required for substances: <ul> <li>(a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and</li></ul>  |   |               |  | 9              | Citric acid  | 77-92-9   | 0.03000      |  |
| <ul> <li>ranges of all ingredients which are classified as health hazards in accordance paragraph (d) of 1910.1200 and</li></ul>  |   |               |  |                |  |   |              |  |
| <ul> <li>(2) present a health risk below the cut-off/concentration limits.</li> <li>(b) The concentration (exact percentage) shall be specified unless a trade secred claim is made in accordance with paragraph (1) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A.0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.</li> <li>For All Chemicals Where a Trade Secret is Claimed Where a trade secret is claimed in accordance with paragraph (1) of 1910.1200, a state that the specific chemical identity and/or exact percentage (concentration) of compositinas been with held as a trade secret is required.</li> <li>First-aid (a) Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion</li> <li>Eye Contact : No adverse effects known</li> <li>(b) Most important symptoms/effects, acute and delayed/         <ul> <li>no applicable information available</li> <li>(c) Indication of immediate medical attention and special treatment needed, if necess - inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention - Ingestion : Obtain medical attention.</li> <li>Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Ren easy to do. Get medical attention if symptoms persist.</li> </ul> </li> <li>Fire-fighting (a) Suitable (and) unsuitable) extinguishing media.</li> <li>Flash point :&gt;100°C         <ul> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)             <ul> <li>Hazardous Combustion products : None</li> </ul> </li> </ul></li></ul>  |   |               | (a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance |                |  |   |              |  |
| <ul> <li>claim is made in accordance with paragraph (1) of 1910.1200, when there is batch-to-batch variability in the production of a mixture, or for group of substantially similar mixtures (See A.0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used.</li> <li>For All Chemicals Where a Trade Secret is Claimed</li> <li>Where a trade secret is claimed in accordance with paragraph (1) of 1910.1200, a state that the specific chemical identity and/or exact percentage (concentration) of compositinas been with held as a trade secret is required.</li> <li>First-aid (a) Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion : Eye Contact : No adverse effects known</li> <li>(b) Most important symptoms/effects, acute and delayed/             : no applicable information available             (c) Indication of immediate medical attention and special treatment needed, if necess -inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention - Ingestion : Obtain medical attention.</li> <li>Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Rem easy to do. Get medical attention if symptoms persist.</li> <li>Fire-fighting (a) Suitable (and) unsuitable) extinguishing media.</li> <li>Flash point : &gt;100°C         <ul> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustio products:).</li> <li>Hazardous Combustion products : None</li> </ul> </li> </ul>   |   |               |  |                | •  |   |              |  |
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| <ul> <li>measures</li> <li>exposure, i.e., inhalation, skin and eye contact, and ingestion</li> <li>Eye Contact : No adverse effects known</li> <li>(b) Most important symptoms/effects, acute and delayed/</li> <li>: no applicable information available</li> <li>(c) Indication of immediate medical attention and special treatment needed, if necess</li> <li>-inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention</li> <li>- Ingestion : Obtain medical attention.</li> <li>- Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Remeasures</li> <li>Fire-fighting</li> <li>(a) Suitable (and) unsuitable) extinguishing media.</li> <li>-Flash point : &gt;100°C</li> <li>- Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>- Hazardous Combustion products : None</li> </ul>   |   |               | Wher<br>that 1   | ere a<br>the s | trade secret is claimed in accordance with paragraph<br>specific chemical identity and/or exact percentage (c  |   |              |  |
| <ul> <li>measures exposure, i.e., inhalation, skin and eye contact, and ingestion         <ul> <li>Eye Contact : No adverse effects known</li> <li>Most important symptoms/effects, acute and delayed/</li> <li>no applicable information available</li> <li>(c) Indication of immediate medical attention and special treatment needed, if necess</li> <li>-inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention</li> <li>Ingestion : Obtain medical attention.</li> <li>Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Remeasures</li> </ul> </li> <li>Fire-fighting         <ul> <li>a Suitable (and) unsuitable) extinguishing media.</li> <li>-Flash point : &gt;100°C</li> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>Hazardous Combustion products : None</li> </ul> </li> </ul>  | 4 | First-aid     | (a) Description of necessary measures, subdivided according to the different routes of   |                |  |   |              |  |
| <ul> <li>(b) Most important symptoms/effects, acute and delayed/         <ul> <li>no applicable information available</li> <li>(c) Indication of immediate medical attention and special treatment needed, if necess                 -inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention                 - Ingestion : Obtain medical attention.</li>                 - Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Rem                easy to do. Get medical attention if symptoms persist.</ul></li> </ul> <li>Fire-fighting         <ul> <li>(a) Suitable (and) unsuitable) extinguishing media.</li> <li>-Flash point : &gt;100°C</li> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>Hazardous Combustion products : None</li> </ul> </li>  |   | measures      |  |                |  |   |              |  |
| <ul> <li>(b) Most important symptoms/effects, acute and delayed/         <ul> <li>no applicable information available</li> <li>(c) Indication of immediate medical attention and special treatment needed, if necess                 -inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention                 - Ingestion : Obtain medical attention.</li>                 - Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Rem                easy to do. Get medical attention if symptoms persist.</ul></li> </ul> <li>Fire-fighting         <ul> <li>(a) Suitable (and) unsuitable) extinguishing media.</li> <li>-Flash point : &gt;100°C</li> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>Hazardous Combustion products : None</li> </ul> </li>  |   |               | : Eve  | e Con          | tact : No adverse effects known  |   |              |  |
| <ul> <li>in applicable information available         <ul> <li>(c) Indication of immediate medical attention and special treatment needed, if necess -inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention</li></ul></li></ul>   |   |               | -  |                |  |   |              |  |
| <ul> <li>(c) Indication of immediate medical attention and special treatment needed, if necess -inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention - Ingestion : Obtain medical attention.</li> <li>Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Remeasy to do. Get medical attention if symptoms persist.</li> <li>Fire-fighting (a) Suitable (and) unsuitable) extinguishing media.</li> <li>-Flash point : &gt;100°C</li> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>Hazardous Combustion products : None</li> </ul>  |   |               |  |                |  |   |              |  |
| <ul> <li>-inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention</li> <li>- Ingestion : Obtain medical attention.</li> <li>- Eye Contact : Immediately irrigate thoroughly with water for at least 15 minutes. Remeasy to do. Get medical attention if symptoms persist.</li> <li>Fire-fighting</li> <li>(a) Suitable (and) unsuitable) extinguishing media.</li> <li>-Flash point : &gt;100°C</li> <li>- Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>- Hazardous Combustion products : None</li> </ul>  |   |               |  |                |  | atment needed,                                    | if necessary |  |
| <ul> <li>Fire-fighting</li> <li>A Suitable (and) unsuitable) extinguishing media.</li> <li>Flash point : &gt;100°C</li> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>Hazardous Combustion products : None</li> </ul>  |   |               | -inha  | alatio         | n : Remove from exposure to fresh air if symptomat   | ic. Get medical a                                 | attention if |  |
| seasy to do. Get medical attention if symptoms persist.         seasy to do. Get medical attentis p   |   |               | - Ing  | gestio         | n : Obtain medical attention.  |   |              |  |
| <ul> <li>Fire-fighting (a) Suitable (and) unsuitable) extinguishing media.</li> <li>Flash point : &gt;100°C</li> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)</li> <li>Hazardous Combustion products : None</li> </ul>   |   |               | - Eye  | e Cor          | ntact : Immediately irrigate thoroughly with water fo  | r at least 15 min                                 | utes. Remove |  |
| measures       -Flash point : >100°C         - Extinguishing Media : Any appropriate method to put out ordinary fire.         (b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)         - Hazardous Combustion products : None  |   |               | easy   | / to d         | o. Get medical attention if symptoms persist.  |   |              |  |
| measures       -Flash point : >100°C         - Extinguishing Media : Any appropriate method to put out ordinary fire.         (b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products.)         - Hazardous Combustion products : None  | 5 | Fire-fighting | (a) Su   | Suitab         | le (and) unsuitable) extinguishing media.  |   |              |  |
| <ul> <li>Extinguishing Media : Any appropriate method to put out ordinary fire.</li> <li>(b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustic products.)</li> <li>Hazardous Combustion products : None</li> </ul>  |   | measures      |  |                |  |   |              |  |
| products.)<br>- Hazardous Combustion products : None  |   |               |  | -              |  | rdinary fire.                                     |              |  |
| products.)<br>- Hazardous Combustion products : None  |   |               | (b) Sp   | Specif         | ic hazards arising from the chemical (e.g., nature of  | any hazardous o                                   | combustion   |  |
|   |   |               |  |                |  | -   |              |  |
|   |   |               | 1.   |                | •  |   |              |  |
|   |   |               |  |                | l First and Explosion Hazards : None   |   |              |  |
| (c) Special protective equipment and precautions for fire-fighters  |   |               |  |                | -  | nters   |              |  |
| : Special Fire-fighting Procedures : Regular method to put out fire.  |   |               |  |                |  |   |              |  |
| 6 Accidental (a) Personal precautions, protective equipment, and emergency procedures.  | 6 | Accidental    | (a) Pe   | Persor         | nal precautions, protective equipment, and emergen   | cy procedures.                                    |              |  |

|     | Release                      | - Personal protection : Not required.  |  |  |  |  |  |
|-----|------------------------------|--|--|--|--|--|--|
|     | measures                     | - Environmental protection : No Special measures required.   |  |  |  |  |  |
|     |                              | (b) Methods and materials for containment and cleaning up.   |  |  |  |  |  |
| 7   | Handling and                 |  |  |  |  |  |  |
|     | storage                      | : Handling : Use normal good Handling procedures.  |  |  |  |  |  |
|     |                              | (b) Conditions for safe storage, including any incompatibilities.  |  |  |  |  |  |
|     |                              | : Storage : Keep away from heat and light and store in dry place at normal temperature.  |  |  |  |  |  |
| 8   | Exposure                     | (a) OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial  |  |  |  |  |  |
|     | controls/                    | Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit use of  |  |  |  |  |  |
|     | personal                     | recommended by the chemical manufacturer, importer, or employer preparing the safety   |  |  |  |  |  |
|     | protection                   | : no applicable information available  |  |  |  |  |  |
|     |                              | (b) Appropriate engineering controls.  |  |  |  |  |  |
|     |                              | : General measures: No Special measures required.  |  |  |  |  |  |
|     |                              | (c) individual protection measures, such as personal protective equipment.   |  |  |  |  |  |
|     |                              | : Individual protection Media : No Special Media required.   |  |  |  |  |  |
| 9   | Physical and                 | (a) Appearance (Physical state, color, etc.); Tissue   |  |  |  |  |  |
|     | chemical                     | (b) Odor; White non-woven tissue   |  |  |  |  |  |
|     | properties                   | (c ) Odor threshold; characteristic  |  |  |  |  |  |
|     |                              | (d) pH; 5.0 ~ 6.0  |  |  |  |  |  |
|     |                              | (e) Flash point : >100℃  |  |  |  |  |  |
|     |                              | (f) Specific gravity : 0.98 ~ 1.02   |  |  |  |  |  |
|     |                              | (g) Hardness : Not applicable  |  |  |  |  |  |
|     |                              | (h) Assay: Not applicable  |  |  |  |  |  |
| 10  | Stability and                | (a) Reactivity : no applicable information available   |  |  |  |  |  |
|     | reactivity                   | (b) Chemical stability : Stable at normal condition  |  |  |  |  |  |
|     |                              | (c) Possibility of hazardous reactions : no applicable information available   |  |  |  |  |  |
|     |                              | (d) Conditions to avoid (e.g., static discharge, shock, or vibration ) : None expected if stor   |  |  |  |  |  |
|     |                              | and handled properly.  |  |  |  |  |  |
|     |                              | (e) Incompatible materials : None expected if stored and handled properly.   |  |  |  |  |  |
|     |                              | (f) Hazardous decomposition products.: None  |  |  |  |  |  |
| 11  | Toxicological<br>information | Description of the various toxicological (health) effects and the available data used to identify those effects, including:  |  |  |  |  |  |
|     |                              |  |  |  |  |  |  |
|     |                              | (a) Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):<br>Not an irritant   |  |  |  |  |  |
|     |                              | (b) Symptoms related to the physical, chemical and toxicological characteristics : no  |  |  |  |  |  |
|     |                              | applicable information available   |  |  |  |  |  |
|     |                              | (c) Delayed and immediate effects and also chronic effects from short- and long-term   |  |  |  |  |  |
|     |                              | exposure : no applicable information available   |  |  |  |  |  |
|     |                              | (d) Numerical measures of toxicity (such as acute toxicity estimates) : no applicable information available  |  |  |  |  |  |
|     |                              | (e) Whether the hazardous chemical is listed in the National Toxicology Program (NTP)  |  |  |  |  |  |
|     |                              |  |  |  |  |  |  |
|     |                              | Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by |  |  |  |  |  |
|     |                              | OSHA.: no applicable information available   |  |  |  |  |  |
| 12  | Ecological                   |  |  |  |  |  |  |
|     | information                  | (a) Ecotoxicity (aquatic and terrestrial, where available) : no applicable information available   |  |  |  |  |  |
|     | (Non-                        | (b) Persistence and degradability : no applicable information available  |  |  |  |  |  |
|     | mandatory)                   | (c) Bioaccumulative potential : no applicable information available  |  |  |  |  |  |
|     |                              | (d) Mobility in soil : no applicable information available   |  |  |  |  |  |
| - 1 |                              | · · · · · · · · · · · · · · · · · · ·  |  |  |  |  |  |

|    |   | (e) Other adverse effects (such as hazardous to the ozone layer) : no applicable information available  |
|----|---|---|
| 13 | Disposal<br>consideration<br>s ( Non-<br>mandatory)                     | Description of waste residues and information on their safe handling and methods of<br>disposal, including the disposal of any contaminated packaging.<br>- Waste destruction : Small quantities can be disposed with household garbage.<br>Large Quantities must be disposed in approved sites.<br>-Packaging destruction : Disposal must be made according to official regulation (national,<br>federal, provincial/state and local regulation)   |
| 14 | Transport<br>information<br>(Non-<br>mandatory)                         | <ul> <li>(a) UN number : no applicable information available</li> <li>(b) UN proper shipping name : no applicable information available</li> <li>(c) Transport hazard class(es) : no applicable information available</li> <li>(d) Packing group, if applicable : no applicable information available</li> <li>(e) Environmental hazards (e.g., Marine pollutant(Yes/No));</li> <li>-Road : Not regulated: should follow the packaging standard</li> <li>-Air : Not regulated : Should follow the packaging standard</li> <li>- Sea : Not regulated : Should follow the packaging standard</li> <li>- Specificity : Not regulated : Should follow the packaging standard</li> <li>- Specificity : Not regulated : Should follow the packaging standard</li> <li>- IATA : Not regulated as dangerous goods</li> <li>(f) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)</li> <li>: no applicable information available</li> <li>(g) Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.</li> <li>: no applicable information available</li> </ul> |
|    | Regulatory<br>information<br>(Non-<br>mandatory)                        | Safety, health and environmental regulations specific for the product in question.  |
| 16 | Other<br>information,<br>including<br>date of<br>preparation<br>or last | The date of preparation of the SDS or the last change to it.<br>: Issued date : 02/03/2020 (DD/MM/YYYY)   |