

## SECTION I-MATERIAL IDENTIFICATION AND USE

|                           |                                                 |                         |                               |    |
|---------------------------|-------------------------------------------------|-------------------------|-------------------------------|----|
| Material Name/Identifier: | Eco-Care Natural Kleen Hand Cleaner with Pumice |                         | Stock No.                     | 43 |
| Manufacturer's Name:      | Kleen-Flo Tumbler Industries Ltd                | Street Address:         | 75 Advance Blvd.              |    |
| City:                     | Brampton                                        | Province:               | Ontario                       |    |
| Postal Code:              | L6T 4N1                                         | Emergency Phone #:      | CANUTEC:- 613-996-6666 (24HR) |    |
| Chemical Name:            | N.Ap.(mixture)                                  | Chemical Family:        | N.Ap.(mixture)                |    |
| Chemical Formula:         | N.Ap. (Mixture)                                 | Trade Names & Synonyms: | Eco-Care                      |    |
| Material Use:             | Hand Cleaner                                    | Molecular Weight:       | N.Ap.                         |    |

## SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

| Hazardous Ingredients | C.A.S.   | Approximate Concentration | LD50 Species & Route | LC50 Species & Route |
|-----------------------|----------|---------------------------|----------------------|----------------------|
| Dipentene             | 138-86-3 | 1-5 %                     | N/Av.                | N/Av.                |

## SECTION III-PHYSICAL DATA FOR MATERIAL

|                        |             |                                     |                                               |
|------------------------|-------------|-------------------------------------|-----------------------------------------------|
| Physical State:        | Lotion      | Odour/Appearance:                   | Citrus odour/orange colour lotion with pumice |
| Specific Gravity:      | 0.98 - 1.01 | Odour Threshold(p.p.m.):            | N/Av.                                         |
| Boiling Point:         | N/Av.       | Evaporation Rate:                   | N/Av.                                         |
| Freezing Point:        | 0 °C        | Solubility in Water:                | soluble                                       |
| % wt.Volatile:         | N/E         | Vapour Pressure(mm)Hg:              | N/Av.                                         |
| Vapour Density(Air=1): | N/Av.       | Coefficient of Water/Oil Distribut: | N/Av.                                         |
| pH                     | 7.0 - 8.0   |                                     |                                               |

## SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

|                               |                                         |                                     |       |
|-------------------------------|-----------------------------------------|-------------------------------------|-------|
| Flammability Yes/No           | No                                      | If yes under which conditions:      | N.Ap. |
| Auto Ignition Temperature:    | N/Av.                                   | Means of Extinction:                | N.Ap. |
| Flashpoint and Method:        | N/E                                     | Hazardous Combustion Products:      | N.Ap. |
| Upper Flammable limit (% vol) | N/E                                     | Lower Flammable Limit(% by volume): | N/E   |
| Explosion Data:               | Sensitivity to Mechanical Impact: N.Ap. | Sensitivity to Static Discharge:    | N/E   |

## SECTION V-REACTIVITY DATA

|                                             |            |                               |                         |
|---------------------------------------------|------------|-------------------------------|-------------------------|
| Chemical Stability Yes/No:                  | Yes        | If NO under which conditions? | N.Ap.                   |
| Incompatibility to Other Substances Yes/No: | yes        | If so which ones?             | Strong oxidizing agents |
| Reactivity and under what conditions?       | None known |                               |                         |
| Hazardous Decomposition Products:           | none known |                               |                         |

N/E: not established

N.Ap.: not applicable

N/Av.: not available

|                                                                          |  |                                                                                                          |                       |           |                                         |                                        |                                 |            |  |
|--------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|-----------------------|-----------|-----------------------------------------|----------------------------------------|---------------------------------|------------|--|
| Material Name/Identifier:                                                |  | Eco-Care Natural Kleen Hand Cleaner with Pumice                                                          |                       | Stock No. |                                         | 43                                     |                                 | PAGE 2     |  |
| <b>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</b>                    |  |                                                                                                          |                       |           |                                         |                                        |                                 |            |  |
| Route of Entry:                                                          |  | --SKIN CONTACT --SKIN ABSORPTION -x-EYE CONTACT --INHALATION -x-INGESTION                                |                       |           |                                         |                                        |                                 |            |  |
| Effects of Acute Exposure:                                               |  | May cause moderate to severe eye irritation. Non irritant to skin under normal usage,                    |                       |           |                                         |                                        |                                 |            |  |
|                                                                          |  | Ingestion may cause upset stomache and nausea.                                                           |                       |           |                                         |                                        |                                 |            |  |
| Effects of Chronic Exposure:                                             |  | N/Av.                                                                                                    |                       |           |                                         |                                        |                                 |            |  |
| LD 50 of Product:                                                        |  | N/Av.                                                                                                    |                       |           |                                         | LC 50 of Product:                      |                                 | N/Av.      |  |
| Irritancy of Product:                                                    |  | Moderate to severe eye irritant                                                                          |                       |           |                                         | Exposure Limits of Product:            |                                 | N/Av.      |  |
| Sensitization of Product:                                                |  | N/A                                                                                                      |                       |           |                                         | Toxicologically Synergistic Materials: |                                 | N/Av.      |  |
| --CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY |  |                                                                                                          |                       |           |                                         |                                        |                                 | None known |  |
| <b>SECTION VII-PREVENTIVE MEASURES</b>                                   |  |                                                                                                          |                       |           |                                         |                                        |                                 |            |  |
| Personal Protective Equipment to be used:                                |  |                                                                                                          |                       |           |                                         |                                        |                                 |            |  |
| Gloves(specify):                                                         |  | Not required under normal usage                                                                          |                       |           | Eye(specify):                           |                                        | Not Required under normal usage |            |  |
| Respiratory(specify):                                                    |  | Not required under normal usage                                                                          |                       |           |                                         |                                        | Avoid contact with eyes         |            |  |
| Respiratory Protection:                                                  |  | Not required under normal usage                                                                          |                       |           | Clothing:                               |                                        | Not required                    |            |  |
| Engineering Controls:                                                    |  | Not required under normal use conditions.                                                                |                       |           |                                         |                                        |                                 |            |  |
| Leak and Spill Procedure:                                                |  | For small spills, wipe clean with an absorbent towel. For large spills, collect and contain.             |                       |           |                                         |                                        |                                 |            |  |
| Waste Disposal:                                                          |  | Dispose of according to local regulation.                                                                |                       |           |                                         |                                        |                                 |            |  |
| Storage Requirements:                                                    |  | Store at ambient temperature. DO NOT freeze. KEEP OUT OF REACH OF CHILDREN.                              |                       |           |                                         |                                        |                                 |            |  |
| Handling Procedures and                                                  |  | Handle all chemicals with care. Keep away from children. Do not ingest.                                  |                       |           |                                         |                                        |                                 |            |  |
| Equipment:                                                               |  | Keep container closed when not in use. Avoid contact with eyes.                                          |                       |           |                                         |                                        |                                 |            |  |
| TDG Classification:                                                      |  | Not regulated.                                                                                           |                       |           |                                         |                                        |                                 |            |  |
| DSL listing                                                              |  | All components are listed.                                                                               |                       |           |                                         |                                        |                                 |            |  |
| WHMIS Classification:                                                    |  | Not a controlled product                                                                                 |                       |           |                                         |                                        |                                 |            |  |
| <b>SECTION VIII-FIRST AID MEASURES</b>                                   |  |                                                                                                          |                       |           |                                         |                                        |                                 |            |  |
| Eye:                                                                     |  | Wash with water for at least 15 minutes. DO NOT RUB EYES UNDER ANY CIRCUMSTANCES.                        |                       |           |                                         |                                        |                                 |            |  |
|                                                                          |  | Seek medical help if irritation persists.                                                                |                       |           |                                         |                                        |                                 |            |  |
| Skin:                                                                    |  | Wash with water.                                                                                         |                       |           |                                         |                                        |                                 |            |  |
| Inhalation:                                                              |  | No adverse effect anticipated under normal use. Remove to fresh air. Seek medical attention if required. |                       |           |                                         |                                        |                                 |            |  |
| Ingestion:                                                               |  | DO NOT INDUCE VOMITING, Drink water to dilute, Seek medical attention immediately.                       |                       |           |                                         |                                        |                                 |            |  |
| <b>SECTION IX-PREPARATION DATE OF M.S.D.S.</b>                           |  |                                                                                                          |                       |           |                                         |                                        |                                 |            |  |
| Additional Info/Comments:                                                |  |                                                                                                          |                       |           | Sources Used:                           |                                        | Supplier's data                 |            |  |
| Phone Number:                                                            |  | (905) 793-4311                                                                                           |                       |           | Prepared By: Quality Control Laboratory |                                        |                                 |            |  |
| Date Prepared:                                                           |  | January 2, 2015.                                                                                         |                       |           | Kleen-Flo Tumbler Industries Limited    |                                        |                                 |            |  |
| THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED             |  |                                                                                                          |                       |           |                                         |                                        |                                 |            |  |
| N/Av.: not available                                                     |  |                                                                                                          | N/Av.: Not applicable |           |                                         | N/E: Not Established                   |                                 |            |  |