



G.K. Chemical Specialties Co. Inc.  
90 Barbados Blvd.  
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# Material SAFETY DATA SHEET

**PRODUCT NAME:** Soft Touch Anti Bacterial Lotion Hand Cleaner

|                                    |                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>HEALTH HAZARD RATING:</b>       | MINIMAL HAZARD - no significant risk to health                                                                          |
| <b>FLAMMABILITY HAZARD RATING:</b> | MINIMAL HAZARD - materials which are normally stable and will not burn unless heated                                    |
| <b>REACTIVITY HAZARD RATING:</b>   | MINIMAL HAZARD – materials, which are normally stable, even under fire conditions, and which will not react with water. |
| <b>PERSONAL PROTECTION:</b>        | Safety glasses                                                                                                          |
| <b>HAZARD ALERT SIGN:</b>          | HEALTH HAZARD – Normal material<br>FIRE HAZARD – Will not burn<br>REACTIVITY – Stable<br>SPECIFIC HAZARD –              |

## SECTION I – MATERIAL IDENTIFICATION AND USE / IDENTIFICATION DE LA MATIÈRE ET USAGE

### MATERIAL NAME / IDENTIFIER – NOM / IDENTIFICATION DE LA MATIÈRE

**Soft Touch Anti Bacterial Lotion Hand Cleaner**

|                                                                                                                   |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| MANUFACTURER'S NAME AND ADDRESS/<br>NOM DU FABRICANT – ADRESSE<br>EMERGENCY PHONE NO. / N° DE TÉLÉPHONE D'URGENCE | G.K. Chemical Specialties Co. Inc.<br>90 Barbados Blvd.<br>Scarborough, Ontario M1J 1K9<br>(416) 261-7182 / 905 427-7605 |
| SUPPLIER'S NAME AND ADDRESS/<br>NOM DU FOURNISSEUR - ADRESSE<br>EMERGENCY PHONE NO. / N° DE TELEPHONE DURGENCE    |                                                                                                                          |
| CHEMICAL NAME / DÉNOMINATION CHIMIQUE                                                                             | Not Applicable                                                                                                           |
| CHEMICAL FAMILY / FAMILLE CHIMIQUE                                                                                | Soap                                                                                                                     |
| CHEMICAL FORMULA / FORMULE CHIMIQUE                                                                               | Not Applicable                                                                                                           |
| TRADE NAME AND SYNONYMS / APPELLATION COMMERCIALE<br>ET SYNONYMES                                                 | Not Applicable                                                                                                           |
| MOLECULAR WEIGHT / POIDS MOLÉCULAIRE                                                                              | Not Applicable                                                                                                           |
| MATERIAL USE / UTILISATION DE LA MATIÈRE                                                                          | Cleaning                                                                                                                 |

G.K. Chemical Specialties Co. Inc. has compiled the information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation.

G.K. Chemical Specialties Co. Inc. extends no warranty and assumes no responsibility as to the accuracy of the content or sufficiency of the information and expressly disclaims all liability for reliance thereon. This MSDS provides guidelines for the safe handling of this product. It does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required. Individuals exposed to this product should read and understand this information and be provided pertinent training prior to working with this product.

G.K. Chemical Specialties Co. Inc. assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

**INGREDIENTS.** This MSDS, under section of Ingredients, contains all ingredients listed under INGREDIENT DISCLOSURE LIST P.C. 1987-2719, 20/1/88 CANADA GAZETTE PART II VOL. 122, No 2 of HAZARDOUS PRODUCT ACT.

Percentage range of concentration of ingredients is expressed as percentage by weight of the total weight of the product. Ingredient List does not necessarily list all ingredients in the formulation and does not necessarily list all ingredient range of concentration, other than ingredients under the Disclosure List.

**T.L.V.** (units) or Threshold Limit Values refer to the limiting concentrations recommended by the Ministry of Labour. These values were adopted by the American Conference of Governmental Industrial Hygienists (A.C.G.I.H.). The figures refer to time-weighted average concentrations as P.P.M. (V/V) or mg/m<sup>3</sup> for a normal working day or at any time for some materials.

**“C.A.S REG. No.”** means the identification number assigned to a chemical substance by the Chemical Abstracts Service Division of the American Chemical Society.

**“LC 50”** means the concentration of a substance in air that when administered by means of inhalation over a specified length of time in an animal assay, is expected to cause the death of 50 per cent of a defined animal population.

**“LD 50”** means the single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause death of 50 per cent of a defined animal population.

**FLASH POINT.** The minimum temperature at which a substance gives off flammable vapors which in contact with spark or flame will ignite.

**SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL / INGRÉDIENTS DANGEREUX DE LA MATIÈRE**

| HAZARDOUS INGREDIENTS /<br>INGRÉDIENTS DANGEREUX          | APPROXIMATE<br>CONCENTRATION%<br>CONCENTRATION<br>APROXIMATIVE % | C.A.S., N.A. OR<br>U.N. NUMBERS /<br>NUMERO CAS<br>NA OU CNU | LD50<br>{SPECIFY SPECIES &<br>ROUTE} DL50<br>{PRÉCISER L'ESPECE<br>ET LA VOIE<br>D'ADMINISTRATION} | LC 50<br>{SPECIFY SPECIES &<br>ROUTE} CL50<br>{PRÉCISER L'ESPECE<br>ET LA VOIE<br>D'ADMINISTRATION} |
|-----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Sodium salt linear Alkyl Benzene<br>Sulfonate Neutralized | 10-15                                                            | 68411-30-3                                                   | LD 50 Oral, Rat 500-5000 mg/kgm                                                                    |                                                                                                     |
| Sodium Lauryl Ether Sulfate                               | 1-5                                                              | 32612-48-9                                                   | LD 50 Oral, Rat 500-5000 mg/kgm                                                                    |                                                                                                     |
| Lauryl Diethanolamide                                     | 1-5                                                              | 120-40-1                                                     | LD 50 Oral, Rat 2700 mg/kgm                                                                        |                                                                                                     |
| Coconut Deithanolamide                                    | 1-5                                                              | 68603-42-9                                                   | LD 50 Oral, Rat 90000 mg/kgm                                                                       |                                                                                                     |
| Isopropyl Alcohol                                         | < 1                                                              | 67-63-0                                                      | LD 50 Oral, Rat 5840 mg/kgm                                                                        |                                                                                                     |
| Sodium Carbonate                                          | < 0.4                                                            | 497-19-8                                                     |                                                                                                    |                                                                                                     |
| Tetrasodium salt of EDTA<br>solution                      | < 0.4                                                            | Non hazardous                                                | LD 50 Mice, Oral 8000 mg/kgm                                                                       |                                                                                                     |
| Lanolin (skin softener)                                   | < 0.6                                                            | Non hazardous                                                |                                                                                                    |                                                                                                     |
| Perfume                                                   | < 0.7                                                            | Non hazardous                                                |                                                                                                    |                                                                                                     |
| Water and other non hazardous<br>Ingredients              | Balance                                                          | Non hazardous                                                |                                                                                                    |                                                                                                     |

&lt; = Less than

**SECTION III – PHYSICAL DATA FOR MATERIAL / CARACTÉRISTIQUES PHYSIQUES DE LA MATIÈRE**

|                                                                                     |                                       |
|-------------------------------------------------------------------------------------|---------------------------------------|
| PHYSICAL STATE / ÉTAT PHYSIQUE                                                      | Liquid                                |
| ODOUR AND APPEARANCE / ODEUR ET APPARENCE                                           | Pleasant odour, Orange Viscous Liquid |
| ODOUR THRESHOLD (P.P.M.) / SEUIL DE L'ODEUR (PPM)                                   | Not Applicable                        |
| SPECIFIC GRAVITY / DENSITE RELATIVE                                                 | 1.00 ± 0.02 gm/cm <sup>3</sup>        |
| VAPOUR PRESSURE [MM] / TENSION DE VAPEUR [MM]                                       | < 25 at 20 °C                         |
| VAPOUR DENSITY [AIRE = 1] / DENSITE DE VAPEUR [AIR =1]                              | ~ Water                               |
| EVAPORATION RATE / TAUX D'ÉVAPORATION                                               | ~ Water                               |
| BOILING POINT [°C] / POINT D'ÉBULLITION [°C]                                        | 100 °C                                |
| FREEZING POINT [°C] / POINT DE CONGELATION [°C]                                     | 0 °C                                  |
| SOLUBILITY IN WATER [20°C] / SOLUBILITÉ DANS L'EAU [20°C]                           | Infinite                              |
| % VOLATILE [BY VOLUME] / % VOLATILITÉ [PAR VOLUME]                                  | 87 ± 1%                               |
| PH                                                                                  | 9.00 ± 0.4                            |
| COEFFICIENT OF WATER / OIL DISTRIBUTION / COEFFICIENT DE<br>RÉPARTITION EAU / HUILE | Not Applicable                        |

**SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL/RISQUES D'INCENDIE ET D'EXPLOSION DU MATÉRIEL**

|                                                                                                                                |                |
|--------------------------------------------------------------------------------------------------------------------------------|----------------|
| FLAMMABILITY / INFLAMMABILITÉ __ YES / OUI _X_ NO/NON<br>IF YES, UNDER WHICH CONDITIONS? / SI OUI, DANS QUELLES<br>CONDISIONS? |                |
| MEANS OF EXTINCTION / MOYENS D'EXTINCTION                                                                                      | None Required  |
| SPECIAL PROCEDURES / MARCHE A SUIVRE SPÉCIALE                                                                                  | None Required  |
| FLASHPOINT [°C] AND METHOD / POINT D'ÉCLAIR [°C] ET<br>MÉTHODE DE DÉTERMINATION                                                | Not Applicable |
| UPPER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MAXIMAL<br>D'INFLAMMABILITÉ [% PAR VOLUME]                                          | Not Applicable |

|                                                                                    |                |
|------------------------------------------------------------------------------------|----------------|
| LOWER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MINIMAL D'INFLAMMABILITÉ [% PAR VOLUME] | Not Applicable |
| AUTOIGNITION TEMPERATURE [°C] / TEMPÉRATURE D'AUTO-INFLAMMATION [°C]               | Not Applicable |
| HAZARDOUS COMBUSTION PRODUCTS / PRODUITS DE COMBUSTION DANGEREUX                   | None Known     |

### EXPLOSION DATA / DONNÉES SUR L'EXPLOSIBILITÉ

|                                                                              |                |
|------------------------------------------------------------------------------|----------------|
| SENSITIVITY TO MECHANICAL IMPACT / SENSIBILITÉ AUX CHOCS                     | Not Applicable |
| SENSITIVITY TO STATIC DISCHARGE / SENSIBILITÉ AUX DÉCHARGES ÉLECTROSTATIQUES |                |

### SECTION V – REACTIVITY DATA / DONNÉES SUR LA RÉACTIVITÉ

|                                                                                                                                                              |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| CHEMICAL STABILITY / STABILITÉ CHIMIQUE <u>X</u> YES / OUI<br>NO/NON<br>IF NO, UNDER WHICH CONDITIONS? / SI NON, DANS QUELLES CONDISIONS?                    |                                         |
| INCOMPATIBILITY TO OTHER SUBSTANCES / INCOMPATIBILITÉ AVEC D'AUTRES SUBSTANCES <u>X</u> YES / OUI<br>NO/NON<br>IF SO, WHICH ONES? / SI OUI, AVEC LESQUELLES? | Strong Acids                            |
| REACTIVITY AND UNDER WHAT CONDITIONS / RÉACTIVITÉ – DANS QUELLES CONDITIONS?                                                                                 | Not dangerously reactive – Strong Acids |
| HAZARDOUS DECOMPOSITION PRODUCTS / PRODUITS DE DÉCOMPOSITION DANGEREUX                                                                                       | None                                    |

### SECTION VI – TOXICOLOGICAL PROPERTIES OF MATERIAL / PROPRIÉTÉS TOXICOLOGIQUES DE LA MATIÈRE

#### ROUTE OF ENTRY / VOIE D'ADMINISTRATION

X SKIN CONTACT / CONTACT AVEC LA PEAU                      \_\_\_ SKIN ABSORPTION / ABSORPTION PAR LA PEAU  
X EYE CONTACT / CONTACT OCULAIRE                      \_\_\_ INHALATION ACUTE / INHALATION AIGUE  
\_\_\_ INHALATION CHRONIC / INHALATION CHRONIQUE                      X INGESTION

|                                                                                         |                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EFFECTS OF ACUTE EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION AIGUE A LA MATIERE       | EYE CONTACT: May be irritating to eyes.<br>SKIN CONTACT: May cause mild irritation to skin upon repeated or prolonged contact with concentrated product.<br>INGESTION: Will cause nausea, may cause vomiting, diarrhea |
| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION CHRONIQUE A LA MATIERE | NONE                                                                                                                                                                                                                   |

**MATERIAL NAME / IDENTIFIER - NOM / IDENTIFICATION DE LA MATIÈRE↓****Soft Touch Anti Bacterial Lotion Hand Cleaner**

|                                                                                                                                                        |                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| LD 50 OF MATERIAL [SPECIFY SPECIES & ROUTE] / LD50 DE LA MATIÈRE [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]                                       | > 5,000 mg/kgm Oral Rat                                                                |
| LC50 OF MATERIAL [SPECIFY SPECIES & ROUTE] LC50 DE LA MATIÈRE / [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]                                        | Not Established                                                                        |
| EXPOSURE [LIMITS] / LIMITS D'EXPOSITION                                                                                                                | Not Applicable                                                                         |
| IRRITANCY OF MATERIAL/PROPRIÉTÉ IRRITANTE DE LA MATIÈRE                                                                                                | Eyes                                                                                   |
| SENSITIZATION OF MATERIAL / SENSIBILISATION A LA MATIÈRE                                                                                               | Eyes                                                                                   |
| SYNERGISTIC MATERIALS / MATÉRES SYNERGIQUES                                                                                                            | None Known                                                                             |
| CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY / CANCÉROGÉNÉCITÉ, EFFETS NOCIFS SUR LA REPRODUCTION, TÉRATOGÉNÉCITÉ, MUTAGÉNÉCITÉ | None of the ingredients contained in this product are regulated as carcinogens by OSHA |

**SECTION VII – PREVENTIVES MEASURES / MESURES PRÉVENTIVES****PERSONAL PROTECTIVE EQUIPMENT / MATÉRIEL PERSONNEL DE PROTECTION**

|                                                                                                                                                   |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| GLOVES (SPECIFY) GANTS [PRÉCISER]                                                                                                                 | None Required                                                                     |
| EYE [SPECIFY] / YEUX [PRÉCISER]                                                                                                                   | Glasses                                                                           |
| RESPIRATORY (SPECIFY) / APPAREIL RESPIRATOIRE (PRÉCISÉR)                                                                                          | None Required                                                                     |
| OTHER (SPECIFY) / AUTRES (PRCISER)                                                                                                                | None Required                                                                     |
| ENGINEERING CONTROLS [E.G. VENTILATION, ENCLOSED PROCESS, SPECIFY] / MÉCANISMES TECHNIQUES [EX. VENTILATION, OPÉRATION EN MILIEU FERMÉ, PRÉCISER] | General Ventilation                                                               |
| LEAK AND SPILL PROCEDURE / MESURES EN CAS DE FUITE OU DE DÉVERSEMENT                                                                              | Flush with water                                                                  |
| WASTE DISPOSAL / ÉLIMINATION DES RÉSIDUS                                                                                                          | Sanitary sewer                                                                    |
| HANDLING PROCEDURES AND EQUIPMENTS / MÉTHODES ET ÉQUIPEMENT POUR LA MANUTENTION                                                                   | Avoid any contact with eyes.                                                      |
| STORAGE REQUIREMENTS / EXIGENCES D'ENTREPOSAGE                                                                                                    | Store in closed containers, away from children.<br>Product will freeze below 0°C. |
| SPECIAL SHIPPING INFORMATION / RENSEIGNEMENTS SPÉCIAUX POUR L'EXPÉDITION                                                                          | None Required                                                                     |

## **SECTION VIII – FIRST AID MEASURES / PREMIERS SOINS**

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IF SWALLOWED: Induce vomiting, drink 2-3 glasses of water and see a physician.

EYE CONTACT: Hold eyelids open and flush with plenty water.

SKIN CONTACT: Wash with water.

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ADDITIONAL INFORMATION /  
RENSEIGNEMENTS SUPPLÉMENTAIRES

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## **SECTION IX – PREPARATION DATE OF M.S.D.S. / FICHE SIGNALÉTIQUE**

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PREPARED BY: Gus Kaklamanos - CHEMIST

TELEPHONE NO.: (416) 2617182

DATE: January 5, 2015

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## **ADDITIONAL NOTES OR REFERENCES / NOTES ADDITIONNELLES OU RÉFÉRENCES:**

4 = CHLORO – 3:5 – XYLENOL OR CHLOROXYLENOL B.P.C. OR

P.C.M.X. MADE BY COCKER CHEMICAL CO. LTD.

P.C.M.X. – EXTREMELY LOW ORDER OF TOXICITY.

### **ORGANISMS**

STAPH. PYOGENES AUREUS  
STREP. PYOGENES  
SHIGELLA DYSENTERIAE  
E.COLI  
PROTEUS VULGARIS  
PS. AERUGINOSA

### **KILLING DILUTIONS OF PRODUCT – 10 AT 20 °C**

10  
9  
18  
15  
29  
3

WHMIS CLASSIFICATION: CLASS D, DIV. 2, SUB. B