



White Glove Sanitation  
630-766-7466  
Wood Dale, IL

**PROUDLY MANUFACTURED IN THE USA**



**White Glove Sanitation Chemicals**  
**356 E. Irving Park Rd.**  
**Wood Dale, IL 60191**

*Our products, our passion....*

*Thank you for the opportunity to introduce ourselves to you.*

*White Glove Sanitation has been in business for over 40 years in a small business that my father started. It has been my passion to continue what my father started many years ago, exceeding his expectations and solidifying his reputation in this industry.*

*Starting with janitorial services and expanding into sterilizers, disinfectants and antimicrobials, we are one of four companies in the U.S. and Mexico that handles food safety.*

*The hand and surface sanitizer provided to you by White Glove Sanitation is a Quartermary Ammonium Chloride based solution. This product was originally formulated as an Antimicrobial Solution which we along with other companies use to sanitize meat and produce for many years. Because the Antimicrobial Solution was originally formulated for this purpose, it is virtually tasteless and odorless and safe to use around children, food and pets. It has been proven to kill Human Corona, Sars and many other virus's, germs and bacteria.*

*Both the hand and surface sanitizers are liquid based and do not contain alcohol. Alcohol will evaporate and can damage your skin and some surfaces over time. With the gel-based sanitizer's, the germs can get trapped in your skin leaving them to easily spread. The Quartermary Ammonium Chloride breaks down the proteins in the fatty layer surrounding the virus and/or bacteria allowing the solution to kill the microbes.*

*We take pride in our product and in helping the communities we serve. We have made multiple donations to Chicago Police & Fire Departments, hospitals and nursing homes. We truly believe it would be beneficial to you to introduce this product into the services you provide.*

*Thank you for your time, we look forward to hearing from you.*

*Regards,*

**Roger Dickens II**  
**CEO/President**





**White Glove Sanitation &  
Chemicals**  
**356 E. Irving Park Rd.**  
**Wood Dale, IL 60191**


Certificate of analysis attached below is a lab swab our company obtained at a Chicago Fire Station. The APC taken before and after are areas on an ambulance after it was cleaned and sanitized by their standards.

×

169601-DLL-White Glove Sanitation Chemicals \_ Solutions-041620110042

PDF - 76 KB

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DonLevy  
Laboratories

The Science of Prevention<sup>SM</sup>

**CERTIFICATE OF ANALYSIS**

White Glove Sanitation Chemicals & Solutions

356 E. Irving Park Rd  
Wood Dale, IL 60191

IEH Laboratories & Consulting Group

DonLevy Laboratories  
11165 Delaware Parkway  
Crown Point, IN 46307  
Phone:(219) 226-0001 Fax:(219) 226-2050  
www.donlevyilab.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

Contact:  
Phone:

Sales Order # ,  
Purchase Order # DANM 04/14/20

WO: 169601

Report Date: 4/16/2020

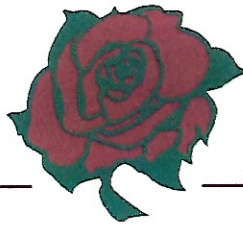
Report No: DLL-197062

| LabSampleNo            | Date      | Type | Desc                   | APC (35°C) (CFU/swab) |
|------------------------|-----------|------|------------------------|-----------------------|
| WSS20200414-169601-144 | 4/11/2020 | Swab | REAR DOOR BEFORE       | 3800                  |
| WSS20200414-169601-145 | 4/11/2020 | Swab | REAR DOOR AFTER        | 100                   |
| WSS20200414-169601-146 | 4/11/2020 | Swab | BACK DOOR BEFORE       | 1800                  |
| WSS20200414-169601-147 | 4/11/2020 | Swab | BACK DOOR AFTER        | 600                   |
| WSS20200414-169601-148 | 4/11/2020 | Swab | INSIDE SEAT BEFORE     | 600                   |
| WSS20200414-169601-149 | 4/11/2020 | Swab | INSIDE SEAT AFTER      | <10                   |
| WSS20200414-169601-150 | 4/11/2020 | Swab | TRANSPORT CHAIR BEFORE | 240                   |
| WSS20200414-169601-151 | 4/11/2020 | Swab | TRANSPORT CHAIR AFTER  | 20                    |
| WSS20200414-169601-152 | 4/11/2020 | Swab | HAND BEFORE            | 6400                  |
| WSS20200414-169601-153 | 4/11/2020 | Swab | HAND AFTER             | 160                   |

Test Method: APC (35°C) = Aerobic Plate Count (35°C) Modified FDA-BAM Ch.3 (swab)

✉

Ronald M. Serpico  
**MAYOR**



# Village of Melrose Park



Mary Ann Paolantonio  
**CLERK**

Anthony N. Abruzzo  
Louis "Sonny" Nicotera

**- TRUSTEES -**  
Jaime Anguiano  
Anthony J. Prignano

Arturo J. Mota  
Mary Ramirez-Taconi

July 17, 2020

White Glove  
Roger Dickens II  
356 E. Irving Park Road  
Wood Dale, IL 60191

Dear Mr. Dickens,

On behalf of the Village of Melrose Park, I would like to express our gratitude for the donation of products you donated during this time of crisis and shortness of supplies. Your generous contribution will help greatly in protecting our personnel and the residents who visit our facility during this unprecedented COVID-19 pandemic.

Your actions are truly a reflection of a company's commitment in reaching out and helping to assisting a community in need.

Again, we appreciate your help in our efforts to protect those in our workplace, community and town.

Sincerely,

Ronald M. Serpico  
Mayor

# 2020 Corporate Member



**Mickinzie-Vertuno Memorial Lodge #19**

**Roger Dickens**

**White Glove**

**Thank you for your valuable contributions**

Signature

*D. Dick*

Date

*4-6-20*

Signature

*Rennus Meng*

Date

*4-6-20*



**Patricia A. Casey**  
Commander  
Youth Investigations

Chicago Police Department  
3510 S. Michigan Ave.  
Chicago, Illinois 60653

office: (312) 745-6007  
fax: (312) 745-6701  
cell: (773) 818-9478  
pax: 0271

patricia.casey@chicagopolice.org



Mayor

Department of Police • City of Chicago  
3510 South Michigan Avenue • Chicago, Illinois 60653

**Charlie Beck**  
Interim Superintendent of Police

14 April 2020

To: Mr. Roger Dickens  
White Glove Janitorial Service and Supplies  
355 E. Irving Park Road  
Wooddale, Illinois 60191

Dear Mr, Dickens,

On behalf of the Chicago Police Department Youth Investigations Division, I would like to thank you for your generous donation of hand sanitizer. The sanitizer will be shared between personnel working at Youth Administration and The Bureau of Detectives Administrative Unit who currently have some members deployed to McCormack Place, Criminal Registration, The Juvenile Intervention and Support Center, and the 015<sup>th</sup> District personnel in the Austin Community.

It warms my heart that during these challenging times that we have the support of community members like you! As you know our Department has been deeply affected by the COVID-19 crisis having lost two of our members recently. In addition to their deaths, we also have over 200 members that have fallen ill due to COVID-19. As a department we are doing our best to ensure protection for those that continue to work day in and day out despite the hazard that their working may bring to both their selves and their families. I think I can honestly say that we are in uncharted territory, so that this has not been an easy task! The generosity of citizens and companies like White Glove Janitorial Service and Supplies has certainly been a great help!

Since this crisis has begun, I have said that the year 2020 will be one for the history books! Someday, future generations will ask us how we got through this and our answer will be that we did it together! Your kindness is proof of that!

Once again, my sincere thanks!

*Patty Casey*  
Patty Casey

Commander Youth Investigations

312-745-6007

773-818-9478



**Patricia A. Casey**  
Commander  
Youth Investigations

Chicago Police Department  
3510 S. Michigan Ave.  
Chicago, Illinois 60653

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fax: (312) 745-6701  
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patricia.casey@chicagopolice.org



**Lori Lightfoot**  
Mayor

**Department of Police · City of Chicago**  
3510 South Michigan Avenue · Chicago, Illinois 60653

**Charlie Beck**  
Interim Superintendent of Police

April 14, 2020

Thomas Mills  
Commander  
Bureau of Detectives  
Chicago Police Department  
5101 S Wentworth  
Chicago, IL 60609  
thomas.mills@chicagopolice.org

Dear Roger Dickens:

I would like to extend my heartfelt thanks for ensuring sanitizing products were provided to the Area Central Detective Division. It is not the career of people, but the display of support during these unprecedented times. As we know, law enforcement personnel are among the list of essential workers who spend their days and nights courageously keeping this city going while risking personal exposure to the COVID-19 pandemic, in this respect, the supplies are greatly appreciated.

We can all agree this pandemic is leaving a devastating mark on the world, however, humanity has shown compassion and kindness. On behalf of the men and women of the Area Central Detective Division, let this letter serve as a huge thank you in ensuring we received the essential supplies needed to fight this disease. Furthermore, thank you for your kind and generous efforts during these difficult times.

With Gratitude,

A handwritten signature in black ink, appearing to read "Thomas Mills".

Commander Thomas Mills

Emergency and TTY: 9-1-1 · Non Emergency and TTY: (within City limits) 3-1-1 · Non-Emergency and TTY (Outside City limits) (312) 746-6000  
E-mail: [police@cityofchicago.org](mailto:police@cityofchicago.org) · Website: [www.cityofchicago.org/police](http://www.cityofchicago.org/police)



**Lori Lightfoot**  
Mayor

**Department of Police • City of Chicago**  
3510 S. Michigan Avenue • Chicago, Illinois 60653

**David O. Brown**  
Superintendent of Police

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June 15, 2020

Roger Dickens II  
354 E. Irving Park Rd  
Wood Dale, IL 60191-1646

Dear Roger Dickens II,

It is heartwarming that you and your team care enough about the law enforcement community to take the time and consideration to provide the members of the 010<sup>th</sup> District with the donation of Hand Sanitizer and Disinfection Cleaning from the White Glove Sanitation Company. Please know that your involvement has made a significant and positive impact to our Department during these unprecedented times.

On behalf of the Chicago Police Department's 010<sup>th</sup> District, please accept our sincere gratitude for the support you provided to our organization.

Sincerely,

  
Gilberto Calderón  
Commander  
010<sup>th</sup> District

4-13-2020  
Dear Roger: White Glove Team;

On behalf of my first responder Police Officer Husband, myself, many of his fellow officers at WIT 150 PP at O'Hare Airport, we Thank you very much! Being a wife to a first responder, I was very concerned the City of Chicago gave only one 503 bottle of expired Hand Sanitizer. The hand sanitizer was discontinued by the company: even though there was no expiration date on the bottle (2013) the company said they can't guarantee the effectiveness after 3 yrs of it being made. Well, it's 2020! I say it's expired!! Thank you so very much for stepping up as a small local business: providing 1st Responder Healthcare workers etc Bottles of your products; Hand Sanitizer; Hand Surface Cleaner.. We cannot thank you enough for your kindness & generosity during this →

4-14-2020

Dear Cheryl: Roseanne;

Thank you both so very much for supporting all first Responders!

Healthcare workers etc. During these troubling times with the Covid19 situation! I have been stressed with work that Andy had laid off the paper hand sanitizer while serving & protecting as a police officer. However, with the kindness of you both: Roger (White Glove) Thank you all for thinking of Andy's situation, along with many other CPD law officers, throughout the various areas districts: assisted by the White Glove Hand Sanitizers: and Surface Cleaners! Many, many Big Thank yous!!  
Cheryl, Andy + K9 Gentry & B.



# CERTIFICATE OF ANALYSIS

White Glove Sanitation Chemicals & Solutions

356 E. Irving Park Rd  
Wood Dale, IA 60191

IEH Laboratories & Consulting Group

DonLevy Laboratories

11165 Delaware Parkway

Crown Point, IN 46307

Phone:(219) 226-0001 Fax:(219) 226-2050

www.donlevylab.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

| WO: 180445  |                |      |                                 |                       |
|---|----------------|------|---------------------------------|-----------------------|
| Samples Received: 6/25/2020 Report Date: 7/3/2020 Report No: DLL-230357           |                |      |                                 |                       |
| Sample ID   | CollectionDate | Type | Desc                            | APC (35°C) (CFU/swab) |
| WSS20200625-180445-3804   | 6/17/2020      | Swab | MC SIDE BEFORE                  | 110000                |
| WSS20200625-180445-3805   | 6/17/2020      | Swab | MC SIDE AFTER                   | 20                    |
| WSS20200625-180445-3806   | 6/17/2020      | Swab | COMMUNITY CHAIR BEFORE          | 1800                  |
| WSS20200625-180445-3807   | 6/17/2020      | Swab | COMMUNITY CHAIR AFTER           | 10                    |
| WSS20200625-180445-3808   | 6/17/2020      | Swab | DINNER TABLE BEFORE             | 150000                |
| WSS20200625-180445-3809   | 6/17/2020      | Swab | DINNER TABLE AFTER              | 50000                 |
| WSS20200625-180445-3812   | 6/17/2020      | Swab | MC DINING BEFORE                | 110                   |
| WSS20200625-180445-3813   | 6/17/2020      | Swab | MC DINING AFTER                 | 30                    |
| WSS20200625-180445-3814   | 6/17/2020      | Swab | SECOND LAUNDRY TRASH BEFORE     | 8100                  |
| WSS20200625-180445-3815   | 6/17/2020      | Swab | SECOND LAUNDRY TRASH AFTER      | <10                   |
| WSS20200625-180445-3816   | 6/17/2020      | Swab | VESTIBULE FRONT DOOR BEFORE     | <10                   |
| WSS20200625-180445-3817   | 6/17/2020      | Swab | VESTIBULE FRONT DOOR AFTER      | <10                   |
| WSS20200625-180445-3818   | 6/17/2020      | Swab | COMMUNITY TABLE BEFORE          | 250000                |
| WSS20200625-180445-3819   | 6/17/2020      | Swab | COMMUNITY TABLE AFTER           | <10                   |
| WSS20200625-180445-3820   | 6/17/2020      | Swab | ELEVATOR 1 1ST FL BUTTON BEFORE | <10                   |
| WSS20200625-180445-3821   | 6/17/2020      | Swab | ELEVATOR 1 1ST FL BUTTON AFTER  | <10                   |
| WSS20200625-180445-3824   | 6/17/2020      | Swab | 2ND FLOOR WASHER BEFORE         | 2500                  |
| WSS20200625-180445-3825   | 6/17/2020      | Swab | 2ND FLOOR WASHER AFTER          | <10                   |
| WSS20200625-180445-3826   | 6/17/2020      | Swab | BE WELL FITNESS CENTRE BEFORE   | 250000                |
| WSS20200625-180445-3827   | 6/17/2020      | Swab | BE WELL FITNESS CENTRE AFTER    | 30                    |
| WSS20200625-180445-3828   | 6/17/2020      | Swab | BISTRO BAR BEFORE               | 1200                  |
| WSS20200625-180445-3829   | 6/17/2020      | Swab | BISTRO BAR AFTER                | <10                   |
| Test Method: APC (35°C) = Aerobic Plate Count (35°C) Modified FDA-BAM Ch.3 (swab) |                |      |                                 |                       |

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*Paula Bovara*

Authorized Analyst: Paula Bovara



**White Glove Sanitation &  
Chemicals**  
**356 E. Irving Park Rd.**  
**Wood Dale, IL 60191**


Certificate of analysis attached below is a lab swab our company obtained at a Chicago Fire Station. The APC taken before and after are areas on an ambulance after it was cleaned and sanitized by their standards.

×

169601-DLL-White Glove Sanitation Chemicals \_ Solutions-041620110042

PDF - 76 KB

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DonLevy  
Laboratories

The Science of Prevention<sup>SM</sup>

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Crown Point, IN 46307  
Phone:(219) 226-0001 Fax:(219) 226-2050  
www.donlevylab.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

Contact:

Phone:

Sales Order # ,

Purchase Order # DANM 04/14/20

WO: 169601

Report Date: 4/16/2020

Report No: DLL-197062

| LabSampleNo            | Date      | Type | Desc                   | APC (35°C) (CFU/swab) |
|------------------------|-----------|------|------------------------|-----------------------|
| WSS20200414-169601-144 | 4/11/2020 | Swab | REAR DOOR BEFORE       | 3800                  |
| WSS20200414-169601-145 | 4/11/2020 | Swab | REAR DOOR AFTER        | 100                   |
| WSS20200414-169601-146 | 4/11/2020 | Swab | BACK DOOR BEFORE       | 1800                  |
| WSS20200414-169601-147 | 4/11/2020 | Swab | BACK DOOR AFTER        | 600                   |
| WSS20200414-169601-148 | 4/11/2020 | Swab | INSIDE SEAT BEFORE     | 600                   |
| WSS20200414-169601-149 | 4/11/2020 | Swab | INSIDE SEAT AFTER      | <10                   |
| WSS20200414-169601-150 | 4/11/2020 | Swab | TRANSPORT CHAIR BEFORE | 240                   |
| WSS20200414-169601-151 | 4/11/2020 | Swab | TRANSPORT CHAIR AFTER  | 20                    |
| WSS20200414-169601-152 | 4/11/2020 | Swab | HAND BEFORE            | 6400                  |
| WSS20200414-169601-153 | 4/11/2020 | Swab | HAND AFTER             | 160                   |

Test Method: APC (35°C) = Aerobic Plate Count (35°C) Modified FDA-BAM Ch.3 (swab)

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TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

WO: 165224

Report Date: 3/16/2020

Report No: DLL-184345

| LabSampleNo            | Date      | Type | Desc                   | APC (35°C) (CFU/swab) |
|------------------------|-----------|------|------------------------|-----------------------|
| WSS20200313-165224-959 | 3/11/2020 | Swab | HAND BEFORE            | 6600                  |
| WSS20200313-165224-960 | 3/11/2020 | Swab | HAND AFTER             | <10                   |
| WSS20200313-165224-961 | 3/11/2020 | Swab | TOILET BEFORE          | 20000                 |
| WSS20200313-165224-962 | 3/11/2020 | Swab | TOILET AFTER           | 450                   |
| WSS20200313-165224-963 | 3/11/2020 | Swab | FLOOR BEFORE           | 66000                 |
| WSS20200313-165224-964 | 3/11/2020 | Swab | FLOOR AFTER            | 10                    |
| WSS20200313-165224-965 | 3/11/2020 | Swab | CELL BEFORE            | 4800                  |
| WSS20200313-165224-966 | 3/11/2020 | Swab | CELL AFTER             | 20                    |
| WSS20200313-165224-967 | 3/11/2020 | Swab | COUNTER TOP BEFORE     | 870                   |
| WSS20200313-165224-968 | 3/11/2020 | Swab | COUNTER TOP AFTER      | 10                    |
| WSS20200313-165224-969 | 3/11/2020 | Swab | INT DOOR HANDLE BEFORE | 100000                |
| WSS20200313-165224-970 | 3/11/2020 | Swab | INT DOOR HANDLE AFTER  | <10                   |

Test Method: APC (35°C) = Aerobic Plate Count (35°C) Modified FDA-BAM Ch.3 (swab)

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Authorized Analyst: Renea Boe

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*Paula Bovara*

Authorized Analyst: Paula Bovara

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| WSS20200625-180445-3813   | 6/17/2020      | Swab | MC DINING AFTER                 | 30                    |
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| WSS20200625-180445-3815   | 6/17/2020      | Swab | SECOND LAUNDRY TRASH AFTER      | <10                   |
| WSS20200625-180445-3816   | 6/17/2020      | Swab | VESTIBULE FRONT DOOR BEFORE     | <10                   |
| WSS20200625-180445-3817   | 6/17/2020      | Swab | VESTIBULE FRONT DOOR AFTER      | <10                   |
| WSS20200625-180445-3818   | 6/17/2020      | Swab | COMMUNITY TABLE BEFORE          | 250000                |
| WSS20200625-180445-3819   | 6/17/2020      | Swab | COMMUNITY TABLE AFTER           | <10                   |
| WSS20200625-180445-3820   | 6/17/2020      | Swab | ELEVATOR 1 1ST FL BUTTON BEFORE | <10                   |
| WSS20200625-180445-3821   | 6/17/2020      | Swab | ELEVATOR 1 1ST FL BUTTON AFTER  | <10                   |
| WSS20200625-180445-3824   | 6/17/2020      | Swab | 2ND FLOOR WASHER BEFORE         | 2500                  |
| WSS20200625-180445-3825   | 6/17/2020      | Swab | 2ND FLOOR WASHER AFTER          | <10                   |
| WSS20200625-180445-3826   | 6/17/2020      | Swab | BE WELL FITNESS CENTRE BEFORE   | 250000                |
| WSS20200625-180445-3827   | 6/17/2020      | Swab | BE WELL FITNESS CENTRE AFTER    | 30                    |
| WSS20200625-180445-3828   | 6/17/2020      | Swab | BISTRO BAR BEFORE               | 1200                  |
| WSS20200625-180445-3829   | 6/17/2020      | Swab | BISTRO BAR AFTER                | <10                   |
| Test Method: APC (35°C) = Aerobic Plate Count (35°C) Modified FDA-BAM Ch.3 (swab) |                |      |                                 |                       |

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).

*Paula Bovara*

Authorized Analyst: Paula Bovara

# **CERTIFICATE OF ANALYSIS**

White Glove Sanitation Chemicals & Solutions

356 E. Irving Park Rd

Wood Dale, IL 60191

Phone: (630) 766-7466

IEH Laboratories & Consulting Group

DonLevy Laboratories

11165 Delaware Parkway

Crown Point, IN 46307

Phone: (219) 226-0001 Fax: (219) 226-2050

www.donlevylab.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

WO: 185994

Samples Received: 7/30/2020

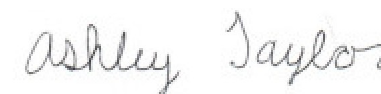
Report Date: 8/1/2020

Report No: DLL-242846

| Sample ID               | CollectionDate | Type | Desc                 | APC (35°C) (CFU/swab) |
|-------------------------|----------------|------|----------------------|-----------------------|
| WSS20200730-185994-3939 | 7/30/2020      | Swab | Condo Supply Before  | 1500                  |
| WSS20200730-185994-3940 | 7/30/2020      | Swab | Condo Supply After   | <10                   |
| WSS20200730-185994-3941 | 7/30/2020      | Swab | Condo Molding Before | 9900                  |
| WSS20200730-185994-3942 | 7/30/2020      | Swab | Condo Molding After  | 20                    |
| WSS20200730-185994-3943 | 7/30/2020      | Swab | Rest. Supply Before  | <10                   |
| WSS20200730-185994-3944 | 7/30/2020      | Swab | Rest. Supply After   | <10                   |

Test Method: APC (35°C) = Aerobic Plate Count (35°C) Modified FDA-BAM Ch.3 (swab)

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).



Authorized Analyst: Ashley Taylor



# Quaternary Ammonia Based Instant Hand Sanitizer



# WG - Hand Sanitizer

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Issue date: 04/22/2020

Revision date: 04/22/2020

Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

|              |                                 |
|--------------|---------------------------------|
| Product form | : Mixture                       |
| Product name | : WG - Hand Sanitizer           |
| Product code | : 02L17A                        |
| Synonyms     | : Ammonium quaternary sanitizer |

#### 1.2. Recommended use and restrictions on use

|                              |                 |
|------------------------------|-----------------|
| Use of the substance/mixture | : Sanitizer     |
| Restrictions on use          | : External only |

#### 1.3. Supplier

##### Manufacturer

White Glove Sanitation Chemicals and Solutions  
356 Irving Park Rd  
Wood Dale IL, 60191 - USA  
T: 630-766-7466

#### 1.4. Emergency telephone number

|                  |  |
|------------------|--|
| Emergency number | : CHEMTREC: Within USA and Canada - 1-800-424-9300 CCN724040 or +1 703-527-3887 (collect calls accepted) |
|------------------|--|

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

|  |  |
|--|--|
| First-aid measures after inhalation        | : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.                           |
| First-aid measures if skin reaction occurs | : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.  |
| First-aid measures after eye contact       | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion         | : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.                                     |

#### 4.2. Most important symptoms and effects (acute and delayed)

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract.   |
| Symptoms/effects after skin contact | : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.   |
| Symptoms/effects after eye contact  | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |

# WG - Hand Sanitizer

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water. Carbon dioxide, dry chemical, foam.

Unsuitable extinguishing media : None known.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Nitrogen oxides.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Remainder may be diluted with water, and then rinsed to a sewer.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Store tightly closed in a dry, cool and well-ventilated place. Store in dust-tight, dry, labelled containers. Do not reuse container.

Storage temperature : 28 – 105 °F

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

# WG - Hand Sanitizer

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

None necessary under normal conditions of use.

#### Eye protection:

Safety glasses or goggles are recommended when using product.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                      |
|---|--------------------------------------|
| Physical state                              | : Liquid                             |
| Appearance                                  | : Colorless to straw-colored liquid. |
| Color                                       | : Colorless to straw-colored         |
| Odor  | : Benzaldehyde (organic odor)        |
| Odor threshold                              | : No data available                  |
| pH  | : 7.05 (1% v/v)                      |
| Melting point                               | : No data available                  |
| Freezing point                              | : No data available                  |
| Boiling point                               | : 212 – 220 °F                       |
| Flash point                                 | : No data available                  |
| Relative evaporation rate (butyl acetate=1) | : < 1                                |
| Flammability (solid, gas)                   | : Not flammable                      |
| Vapor pressure                              | : No data available                  |
| Relative vapor density at 20 °C             | : Estimated to be heavier than air   |
| Relative density                            | : 0.994 (8.28 lbs/gal)               |
| Solubility                                  | : Soluble in water.                  |
| Partition coefficient n-octanol/water       | : No data available                  |
| Auto-ignition temperature                   | : No data available                  |
| Decomposition temperature                   | : No data available                  |
| Viscosity, kinematic                        | : No data available                  |
| Viscosity, dynamic                          | : No data available                  |
| Explosion limits                            | : No data available                  |
| Explosive properties                        | : No data available                  |
| Oxidizing properties                        | : No data available                  |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

# WG - Hand Sanitizer

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### 10.4. Conditions to avoid

Extremely high or low temperatures. Sources of ignition. Incompatible materials.

### 10.5. Incompatible materials

Strong oxidizing agents. Reducing agents.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Nitrogen oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                     |  |
|-------------------------------------|--|
| Acute toxicity (oral)               | : Not classified   |
| Acute toxicity (dermal)             | : Not classified   |
| Acute toxicity (inhalation)         | : Not classified   |
| Skin corrosion/irritation           | : Not classified   |
|                                     | pH: 7.05 (1% v/v)  |
| Serious eye damage/irritation       | : Not classified   |
|                                     | pH: 7.05 (1% v/v)  |
| Respiratory or skin sensitization   | : Not classified   |
| Germ cell mutagenicity              | : Not classified   |
| Carcinogenicity                     | : Not classified   |
| Reproductive toxicity               | : Not classified   |
| STOT-single exposure                | : Not classified   |
| STOT-repeated exposure              | : Not classified   |
| Aspiration hazard                   | : Not classified   |
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract.   |
| Symptoms/effects after skin contact | : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.   |
| Symptoms/effects after eye contact  | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| Symptoms/effects after ingestion    | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.   |
| Other information                   | : Likely routes of exposure: ingestion, inhalation, skin and eye.  |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |   |
|-------------------|---|
| Ecology - general | : May cause long-term adverse effects in the aquatic environment. |
|-------------------|---|

### 12.2. Persistence and degradability

| WG - Hand Sanitizer           |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

### 12.3. Bioaccumulative potential

| WG - Hand Sanitizer       |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|                   |                           |
|-------------------|---------------------------|
| Other information | : No other effects known. |
|-------------------|---------------------------|

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|  |   |
|--|---|
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
|--|---|

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not determined

# WG - Hand Sanitizer

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

No additional information available

#### 15.3. US State regulations

**⚠ WARNING:** This product can expose you to Benzyl chloride, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### SECTION 16: Other information

|                   |  |
|-------------------|--|
| Issue date        | : 04/22/2020   |
| Revision date     | : 04/22/2020   |
| Other information | : None.  |
| Prepared by       | : Nexreg Compliance Inc.<br><a href="http://www.Nexreg.com">www.Nexreg.com</a> |



SDS US (GHS HazCom 2012)\_NEXREG\_NEW

*Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.*



# Quaternary Ammonia Based AIR/HVAC MITIGATION



## White Glove Sanitation Chemicals Inc. Safety Data Sheet

### Section 1: Identification

**Product name:** White Glove Mitigation Product

**Product form:** Mixture

**Product Code:** 000003-Q

**Synonyms:** Cleaning Solution

**Company:** White Glove Sanitation Chemicals Inc.

**CAS No:** Mixture

**Uses:** Sanitation of Air/HVAC systems

**Restrictions on Use:** Cosmetics/ Personal care

**Manufacturer:**

White Glove Sanitation Chemicals and Solutions

356 Irving Park Rd

Wood Dale IL, 60191 - USA

T: 630-766-7466

**Emergency Telephone:** CHEMTREC 1-800- 424-9300 Within USA or +1 703-527-3887 in Canada (collect calls accepted)

### Section 2: Hazard(s) Identification

**EC/GHS Classification:** Not Classified

**Eyes:** Irritates on contact. Corneal damage possible with extended exposure

**Inhalation:** Mist and Vapors can irritate the throat and respiratory tract. High vapor concentrations may affect central nervous system. Symptoms may include headaches, dizziness, and drowsiness. Harmful if inhaled.

**Skin:** If allowed to remain on skin for extended periods of time, irritation may occur.

**Ingestion:** May cause burn in gastrointestinal tract, harmful if swallowed.

**Chronic Health Effects:** Not known.

**Conditions Aggravated by Exposure:** Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

**Classification and Labeling:**

**Pictograms:**



**Classification:**

**Hazard Class and Cat. Code- GHS**

Flammable Liquids

Eye Irritation

Skin Irritation

1

2A

1

**Risk Phrases (Hazard Statement-GHS)**

Warning

Causes serious eye irritation

Avoid prolonged Exposure

Combustible Liquid

**Precautionary Statements:** Keep away from flames, Avoid Ingestion or eye exposure. Avoid prolonged contact with skin.

### Section 3: Composition/ Information on Ingredients

| Chemical Name   | Synonym                      | CAS #      | EC #       | %Wt |
|---|------------------------------|------------|------------|-----|
| Water   | Dihydrogen oxide             | 7732-18-5  | 215-185-5  | 98  |
| Alkyl dimethyl benzyl ammonium chloride (C <sub>12-18</sub> )       | Benzalkonium Chloride        | 68391-01-5 | 269-919-4  | <1  |
| Alkyl dimethyl ethyl benzyl ammonium chloride (C <sub>12-18</sub> ) | Quaternary ammonium compound | 68956-79-6 | 68956-79-6 | <1  |
| Ethyl Alcohol   | Alcohol, Ethanol             | 68956-79-6 | 68956-79-6 | <1  |

### Section 4: First-Aid Measures

**General:** In the event of health problems or if in doubt, inform the physician and provide this SDS.

**Eye Contact:** Immediately Rinse eyes thoroughly in running cool water for at least 15 minutes. If irritation persists, or inflammation or swelling occurs, get medical attention at once, preferably with an ophthalmologist.

**Inhalation:** Remove from exposure. Administer oxygen if breathing is difficult, get medical help immediately.

**Skin Contact:** Immediately drench with flowing water for at least 15 minutes. Remove contaminated clothing as quickly as possible. Launder before reuse. If irritation persists consult a physician.

**Ingestion:** Do not induce vomiting. Have conscious victim drink milk or water to dilute. Never give unconscious person anything by mouth. Get medical attention immediately.

**Notes to Physician:** No specialized procedures. Treat for clinical symptoms.

### Section 5: Fire-Fighting Measures

**General Fire Hazards:** Contains Alcohol which may cause fire.

**Suitable Extinguishing Media:** Water, Carbon Dioxide, Dry Chemical, Foam.

**Unsuitable Extinguishing Media:** None known.

**Specific Hazards:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Special Protective Equipment:** Always wear self-contained breathing apparatus when fighting a chemical fire.

### Section 6: Accidental Release Measures

**Personal Precautions:** Follow protective measures provided under Personal Protection in Section 8. Evacuate all unnecessary personnel and eliminate all sources of ignition.

**For Non-Emergency Personnel:** No additional information available

**For Emergency Responders:** No additional information available

**Environmental Precautions:** Avoid contamination of waterway or groundwater.

**Measures for cleaning/collecting:** Capture material and contain for disposal, according with local, state, and federal regulations. Remainder may be diluted enough with water, then rinsed to a sewer.

### Section 7: Handling and Storage

**Handling:** Avoid breathing vapors. Avoid contact with eyes. Do not swallow. Wear personal protective equipment as described in Exposure controls/ Personal Protection (Section 8) of the MSDS. Never move drums with open bungs.

**Special Mixing/ Handling Instructions:** Do not allow contact with materials as noted in Section 10.

**Storage Conditions:** Keep container tightly closed and properly labeled. Store in a dry location. Supplier not responsible for disposition of this product. Do not reuse container.

**Storage Temperature:** 28- 105 °F

**Specific Uses:** This product is used as a foaming hand soap, is not used for purposes other than those recommended.

### Section 8: Exposure Controls/Personal Protection

#### OCCUPATIONAL EXPOSURE LIMIT

##### - ACGIH Threshold Limit Value (TLV) –

Alkyl dimethyl benzyl ammonium: none established (TWA), none established (STEL)

Alkyl dimethyl ethyl benzyl ammonium: none established(TWA), none established (STEL),

Ethyl alcohol: 150 ppm(TWA), 200 ppm (STEL)

**ENGINEERING CONTROLS:** Handle product in a good ventilated area. If product is handled in an open system, the use of process closures, local exhaust, ventilation, and or other engineering controls should be considered to control airborne levels to below recommended exposure limits, or below acceptable levels where there are no limits.

**RESPIRATORY:** A NIOSH approved respirator with a dust, fume and mist filter may be permissible when symptoms have been observed that are indicative of overexposure.

A respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed when ever workplace conditions warrant use of respirator.

**Eye/Face:** Wear chemical safety goggles or full face shield to protect against contact when appropriate. (ANSIZ87.1)

**Hand:** Avoid prolonged exposure to skin. If irritation or inflammation, rinse under cool water for 15 minutes. If irritation persists, seek medical attention.

**Skin/Body Protection:** Avoid prolonged exposure to skin. If irritation or inflammation, rinse under cool water for 15 minutes. If irritation persists, seek medical attention.

**OTHER:** Laundry contaminated clothing before use. Emergency shower and eyewash facility should be in close proximity. (ANSI Z358.1)

**Environmental exposure controls:**

Environmental exposure controls should be in accordance with applicable regional, national, and local laws and regulations.

### Section 9: Physical and Chemical Properties

**Color:** Colorless to Pink

**Physical State:** Liquid

**Odor:** Benzaldehyde (organic)/ Detergent

**Odor threshold:** No data available

**pH:** 7.05 (1% v/v)

**Softening Point:** No data available

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling point:** 212- 220 °F

**Flash point:** No data available

**Evaporation rate:** <1

**Flammability:** Contains detergents known to be flammable

**Upper/lower flammability or explosive limits:** N/A

**Auto ignition temperature:** No data available

**Danger of explosion:** No data available

**Vapor pressure:** No data available

**Vapor density:** Estimated to be heavier than air

**Specific Gravity:** 0.994 (8.28 lbs/gal)

**Solubility in/Miscibility with water:** Complete

**Partition Coefficient:** No data available

**Viscosity:** No data available

### Section 10: Stability and Reactivity

**Chemical stability:** This product should maintain its physical character when stored close to moderate temperatures, between 28 °F and 105 °F.

**Conditions to avoid:** Extreme temperatures and direct sunlight

**Incompatible materials:** Oxidizing Agents, Reducing Agents

**Hazardous decomposition products:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Hazardous Polymerization:** This product does not polymerize under normal storage and use conditions.

**Reactions with air or water:** N/A

**Advise to Prevent Explosion:** Keep away from source of flame.

### Section 11: Toxicological Information

This product has not produced any overexposed chronic effects. It is also not considered as carcinogenic. Acute overexposures will create the symptoms identified in section 3.

**Carcinogenic effects:** Not a known carcinogen.

**Mutagenic effects:** Not a known mutagenic.

**Teratogenic effects:** Not a known teratogenic

### Section 12: Ecological Information

**Toxicity:** This material is believed to be slightly toxic to aquatic life.

**Persistence:** This material is believed to be unlikely to persist in the environment

**Biodegradation:** This product contains biodegradable materials.

**Bioaccumulation:** This material is believed to be unlikely to bioaccumulate.

### Section 13: Disposal Considerations

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations.

### Section 14: Transport Information

Material not considered hazardous.

### Section 15: Regulatory Information

Chemical Inventory Status

|                  |           |      |     |       |        |       | CANADA |      | SARA 302 |    |     | SARA 313 |             |
|------------------|-----------|------|-----|-------|--------|-------|--------|------|----------|----|-----|----------|-------------|
| Ingredient       | Cas #     | TSCA | EC  | Japan | Austr. | Korea | DSL    | NDSL | Phill.   | RQ | TPQ | List     | Chem Categ. |
| Sodium Hydroxide | 1310-73-2 | Yes  | Yes | Yes   | Yes    | Yes   | Yes    | No   | Yes      | No | No  | No       | No          |
|                  |           |      |     |       |        |       |        |      |          |    |     |          |             |

### Section 16: Other Information

#### Key/Legend:

**ACGIH** - American Conference of Governmental Industrial Hygienists

**CAS** - Chemical Abstract Service

**EU** - European Union

**IARC** - International Agency for Research on Cancer

**IMDG** - International Maritime Dangerous Goods

**IMO** - International Maritime Organization

**LD50** - Lethal Dose, dose of a chemical which kills 50% of a sample population

**OSHA** - Occupational Safety and Health Administration

**NIF** - No information found

The information in this Safety Data Sheet should be provided to all who use, handle, transport, or otherwise are exposed to this product. This information has been prepared for the guidance of plant engineering operations, management and persons working with or handling this product. The information presented in this SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. Additionally, if this Safety Data Sheet is more than three years old, please contact this supplier at the phone number above in Section 1 to make sure this sheet is current.

**Prepared by:** White Glove Sanitation Chemicals Inc.

The information and recommendations contained herein are based upon data believed to be correct. No Warranty, expressed or implied, is made.



# Quaternary Ammonia Based FOAMING HAND SOAP



## White Glove Sanitation Chemicals Inc. Safety Data Sheet

### Section 1: Identification

**Product name:** Foaming Hand Soap

**Product form:** Mixture

**Product Code:** 000005-HS

**Synonyms:** Cleaning Solution

**Company:** White Glove Sanitation Chemicals Inc.

**CAS No:** Mixture

**Uses:** Hand Soap

**Restrictions on Use:** External Use Only

**Manufacturer:**

White Glove Sanitation Chemicals and Solutions

356 Irving Park Rd

Wood Dale IL, 60191 - USA

T: 630-766-7466

**Emergency Telephone:** CHEMTREC 1-800- 424-9300 Within USA C or +1 703-527-3887 in Canada (collect calls accepted)

### Section 2: Hazard(s) Identification

**EC/GHS Classification:** Not Classified

**Eyes:** Irritates on contact. Corneal damage possible with extended exposure

**Inhalation:** Mist and Vapors can irritate the throat and respiratory tract. High vapor concentrations may affect central nervous system. Symptoms may include headaches, dizziness, and drowsiness. Harmful if inhaled.

**Skin:** If allowed to remain on skin for extended periods of time, irritation may occur.

**Ingestion:** May cause burn in gastrointestinal tract, harmful if swallowed.

**Chronic Health Effects:** Not known.

**Conditions Aggravated by Exposure:** Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

**Classification and Labeling:**

**Pictograms:**



**Classification:**

**Hazard Class and Cat. Code- GHS**

Flammable Liquids

Eye Irritation

4

2A

**Risk Phrases (Hazard Statement-  
GHS)**

Warning

Causes serious eye  
irritation

Combustible Liquid

**Precautionary Statements:** Keep away from flames, Avoid Ingestion or eye exposure.

### Section 3: Composition/ Information on Ingredients

| Chemical Name   | Synonym                        | CAS #      | EC #       | %Wt |
|---|--------------------------------|------------|------------|-----|
| Water   | Dihydrogen oxide               | 7732-18-5  | 215-185-5  | 89  |
| Sodium Lauryl Ether Sulfate   | N/A                            | 68891-38-3 | NIF        | 1.2 |
| Coconut Diethanolamide  | Amides, DEA                    | 68603-42-9 | 271-657-0  | <1  |
| Alkyl Poliglucoside Mixture   | Alkyl Poliglucoside Surfactant | 68515-73-1 | NIF        | <1  |
| Dodecyl Benzene Sulfonic Acid                                       | Dodecyl Benzene Sulfonic Acid  | 27176-87-0 | NIF        | <1  |
| Sodium Chloride   | Salt                           | 7647-14-5  | 231-598-3  | <1  |
| Sodium Hydroxide  | Caustic Soda                   | 01310-73-2 | 215-185-5  | <1  |
| Red 40  | FD&C red # 40                  | 25956-17-6 | NIF        | <1  |
| Alkyl dimethyl benzyl ammonium chloride (C <sub>12-18</sub> )       | Benzalkonium Chloride          | 68391-01-5 | 269-919-4  | <1  |
| Alkyl dimethyl ethyl benzyl ammonium chloride (C <sub>12-18</sub> ) | Quaternary ammonium compound   | 68956-79-6 | 68956-79-6 | <1  |
| Ethyl Alcohol   | Alcohol, Ethanol               | 68956-79-6 | 68956-79-6 | <1  |

### Section 4: First-Aid Measures

**General:** In the event of health problems or if in doubt, inform the physician and provide this SDS.

**Eye Contact:** Immediately Rinse eyes thoroughly in running cool water for at least 15 minutes. If irritation persists, or inflammation or swelling occurs, get medical attention at once, preferably with an ophthalmologist.

**Inhalation:** Remove from exposure. Administer oxygen if breathing is difficult, get medical help immediately.

**Skin Contact:** None necessary under normal conditions of use.

**Ingestion:** Do not induce vomiting. Have conscious victim drink milk or water to dilute. Never give unconscious person anything by mouth. Get medical attention immediately.

**Notes to Physician:** No specialized procedures. Treat for clinical symptoms.

#### Section 5: Fire-Fighting Measures

**General Fire Hazards:** Contains Alcohol which may cause fire.

**Suitable Extinguishing Media:** Water, Carbon Dioxide, Dry Chemical, Foam.

**Unsuitable Extinguishing Media:** None known.

**Specific Hazards:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Special Protective Equipment:** Always wear self-contained breathing apparatus when fighting a chemical fire.

#### Section 6: Accidental Release Measures

**Personal Precautions:** Follow protective measures provided under Personal Protection in Section 8.

Evacuate all unnecessary personnel and eliminate all sources of ignition.

**For Non-Emergency Personnel:** No additional information available

**For Emergency Responders:** No additional information available

**Environmental Precautions:** Avoid contamination of waterway or groundwater.

**Measures for cleaning/collecting:** Capture material and contain for disposal, according with local, state, and federal regulations. Remainder may be diluted enough with water, then rinsed to a sewer.

#### Section 7: Handling and Storage

**Handling:** Avoid breathing vapors. Avoid contact with eyes. Do not swallow. Wear personal protective equipment as described in Exposure controls/ Personal Protection (Section 8) of the MSDS. Never move drums with open bungs.

**Special Mixing/ Handling Instructions:** Do not allow contact with materials as noted in Section 10.

**Storage Conditions:** Keep container tightly closed and properly labeled. Store in a dry location. Supplier not responsible for disposition of this product. Do not reuse container.

**Storage Temperature:** 28- 105 °F

**Specific Uses:** This product is used as a foaming hand soap, is not used for purposes other than those recommended.

#### Section 8: Exposure Controls/Personal Protection

##### OCCUPATIONAL EXPOSURE LIMIT

##### - ACGIH Threshold Limit Value (TLV) –

Alkyl dimethyl benzyl ammonium: none established (TWA), none established (STEL)

Alkyl dimethyl ethyl benzyl ammonium: none established(TWA), none established (STEL),

Ethyl alcohol: 150 ppm(TWA), 200 ppm (STEL)

**ENGINEERING CONTROLS:** Handle product in a good ventilated area. If product is handled in an open system, the use of process closures, local exhaust, ventilation, and or other engineering controls should be considered to control airborne levels to below recommended exposure limits, or below acceptable levels where there are no limits.

**RESPIRATORY:** A NIOSH approved respirator with a dust, fume and mist filter may be permissible

when symptoms have been observed that are indicative of overexposure.  
A respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed when ever workplace conditions warrant use of respirator.

**Eye/Face:** Wear chemical safety goggles or full face shield to protect against contact when appropriate. (ANSIZ87.1)

**Hand:** None necessary under normal conditions of use.

**Skin/Body Protection:** None necessary under normal conditions of use.

**OTHER:** Laundry contaminated clothing before use. Emergency shower and eyewash facility should be in close proximity. (ANSI Z358.1)

**Environmental exposure controls:**

Environmental exposure controls should be in accordance with applicable regional, national, and local laws and regulations.

**Section 9: Physical and Chemical Properties**

**Color:** Colorless to Pink

**Physical State:** Liquid

**Odor:** Benzaldehyde (organic)/ Detergent

**Odor threshold:** No data available

**pH:** 7.05 (1% v/v)

**Softening Point:** No data available

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling point:** 212- 220 °F

**Flash point:** No data available

**Evaporation rate:** <1

**Flammability:** Contains detergents known to be flammable

**Upper/lower flammability or explosive limits:** N/A

**Auto ignition temperature:** No data available

**Danger of explosion:** No data available

**Vapor pressure:** No data available

**Vapor density:** Estimated to be heavier than air

**Specific Gravity:** 0.994 (8.28 lbs/gal)

**Solubility in/Miscibility with water:** Complete

**Partition Coefficient:** No data available

**Viscosity:** No data available

#### Section 10: Stability and Reactivity

**Chemical stability:** This product should maintain its physical character when stored close to moderate temperatures, between 28 °F and 105 °F.

**Conditions to avoid:** Extreme temperatures and direct sunlight

**Incompatible materials:** Oxidizing Agents, Reducing Agents

**Hazardous decomposition products:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Hazardous Polymerization:** This product does not polymerize under normal storage and use conditions.

**Reactions with air or water:** N/A

**Advise to Prevent Explosion:** Keep away from source of flame.

#### Section 11: Toxicological Information

This product has not produced any overexposed chronic effects. It is also not considered as carcinogenic. Acute overexposures will create the symptoms identified in section 3.

**Carcinogenic effects:** Not a known carcinogen.

**Mutagenic effects:** Not a known mutagenic.

**Teratogenic effects:** Not a known teratogenic

**LD50 Oral (Rat):** 300-2000 mg/kg body weight

**LD50 Dermal (Rat):** 1424 mg/kg body weight

#### Section 12: Ecological Information

**Toxicity:** This material is believed to be slightly toxic to aquatic life.

**Persistence:** This material is believed to be unlikely to persist in the environment

**Biodegradation:** This product contains biodegradable materials.

**Bioaccumulation:** This material is believed to be unlikely to bioaccumulate.

#### Section 13: Disposal Considerations

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations.

#### Section 14: Transport Information

Material not considered hazardous.

#### Section 15: Regulatory Information

Foaming Hand Soap Safety Sheet  
June 4, 2020

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| Chemical Inventory Status |           |      |     |       |        |       | CANADA |      | SARA 302 |    |     | SARA 313 |             |
|---------------------------|-----------|------|-----|-------|--------|-------|--------|------|----------|----|-----|----------|-------------|
| Ingredient                | Cas #     | TSCA | EC  | Japan | Austr. | Korea | DSL    | NDSL | Phill.   | RQ | TPQ | List     | Chem Categ. |
| Sodium Hydroxide          | 1310-73-2 | Yes  | Yes | Yes   | Yes    | Yes   | Yes    | No   | Yes      | No | No  | No       | No          |
|                           |           |      |     |       |        |       |        |      |          |    |     |          |             |

**Section 16: Other Information**

**Key/Legend:**

**ACGIH** - American Conference of Governmental Industrial Hygienists

**CAS** - Chemical Abstract Service

**EU** - European Union

**IARC** - International Agency for Research on Cancer

**IMDG** - International Maritime Dangerous Goods

**IMO** - International Maritime Organization

**LD50** - Lethal Dose, dose of a chemical which kills 50% of a sample population

**OSHA** - Occupational Safety and Health Administration

**NIF** - No information found

The information in this Safety Data Sheet should be provided to all who use, handle, transport, or otherwise are exposed to this product. This information has been prepared for the guidance of plant engineering operations, management and persons working with or handling this product. The information presented in this SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. Additionally, if this Safety Data Sheet is more than three years old, please contact this supplier at the phone number above in Section 1 to make sure this sheet is current.

**Prepared by:** White Glove Sanitation Chemicals Inc.

The information and recommendations contained herein are based upon data believed to be correct. No Warranty, expressed or implied, is made.



# Quaternary Ammonia Based HARD SURFACE DISINFECTANT



## White Glove Sanitation Chemicals Inc. Safety Data Sheet

### Section 1: Identification

**Product name:** Hard Surface Disinfectant

**Product form:** Mixture

**Product Code:** 000003-Q

**Synonyms:** Cleaning Solution

**Company:** White Glove Sanitation Chemicals Inc.

**CAS No:** Mixture

**Uses:** Surface Disinfectant

**Restrictions on Use:** Cosmetics/ Personal care

**Manufacturer:**

White Glove Sanitation Chemicals and Solutions

356 Irving Park Rd

Wood Dale IL, 60191 - USA

T: 630-766-7466

**Emergency Telephone:** CHEMTREC 1-800- 424-9300 Within USA C or +1 703-527-3887 in Canada (collect calls accepted)

### Section 2: Hazard(s) Identification

**EC/GHS Classification:** Not Classified

**Eyes:** Irritates on contact. Corneal damage possible with extended exposure

**Inhalation:** Mist and Vapors can irritate the throat and respiratory tract. High vapor concentrations may affect central nervous system. Symptoms may include headaches, dizziness, and drowsiness. Harmful if inhaled.

**Skin:** If allowed to remain on skin for extended periods of time, irritation may occur.

**Ingestion:** May cause burn in gastrointestinal tract, harmful if swallowed.

**Chronic Health Effects:** Not known.

**Conditions Aggravated by Exposure:** Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

**Classification and Labeling:**

**Pictograms:**



**Classification:**

**Hazard Class and Cat. Code- GHS**

Flammable Liquids

Eye Irritation

Skin Irritation

4

2A

1

**Risk Phrases (Hazard Statement- GHS)**

Warning

Causes serious eye irritation

Avoid prolonged Exposure

Combustible Liquid

**Precautionary Statements:** Keep away from flames, Avoid Ingestion or eye exposure. Avoid prolonged contact with skin.

### Section 3: Composition/ Information on Ingredients

| Chemical Name   | Synonym                      | CAS #      | EC #       | %Wt |
|---|------------------------------|------------|------------|-----|
| Water   | Dihydrogen oxide             | 7732-18-5  | 215-185-5  | 98  |
| Alkyl dimethyl benzyl ammonium chloride (C <sub>12-18</sub> )       | Benzalkonium Chloride        | 68391-01-5 | 269-919-4  | <1  |
| Alkyl dimethyl ethyl benzyl ammonium chloride (C <sub>12-18</sub> ) | Quaternary ammonium compound | 68956-79-6 | 68956-79-6 | <1  |
| Ethyl Alcohol   | Alcohol, Ethanol             | 68956-79-6 | 68956-79-6 | <1  |

### Section 4: First-Aid Measures

**General:** In the event of health problems or if in doubt, inform the physician and provide this SDS.

**Eye Contact:** Immediately Rinse eyes thoroughly in running cool water for at least 15 minutes. If irritation persists, or inflammation or swelling occurs, get medical attention at once, preferably with an ophthalmologist.

**Inhalation:** Remove from exposure. Administer oxygen if breathing is difficult, get medical help immediately.

**Skin Contact:** Immediately drench with flowing water for at least 15 minutes. Remove contaminated clothing as quickly as possible. Launder before reuse. If irritation persists consult a physician.

**Ingestion:** Do not induce vomiting. Have conscious victim drink milk or water to dilute. Never give unconscious person anything by mouth. Get medical attention immediately.

**Notes to Physician:** No specialized procedures. Treat for clinical symptoms.

### Section 5: Fire-Fighting Measures

**General Fire Hazards:** Contains Alcohol which may cause fire.

**Suitable Extinguishing Media:** Water, Carbon Dioxide, Dry Chemical, Foam.

**Unsuitable Extinguishing Media:** None known.

**Specific Hazards:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Special Protective Equipment:** Always wear self-contained breathing apparatus when fighting a chemical fire.

#### Section 6: Accidental Release Measures

**Personal Precautions:** Follow protective measures provided under Personal Protection in Section 8. Evacuate all unnecessary personnel and eliminate all sources of ignition.

**For Non-Emergency Personnel:** No additional information available

**For Emergency Responders:** No additional information available

**Environmental Precautions:** Avoid contamination of waterway or groundwater.

**Measures for cleaning/collecting:** Capture material and contain for disposal, according with local, state, and federal regulations. Remainder may be diluted enough with water, then rinsed to a sewer.

#### Section 7: Handling and Storage

**Handling:** Avoid breathing vapors. Avoid contact with eyes. Do not swallow. Wear personal protective equipment as described in Exposure controls/ Personal Protection (Section 8) of the MSDS. Never move drums with open bungs.

**Special Mixing/ Handling Instructions:** Do not allow contact with materials as noted in Section 10.

**Storage Conditions:** Keep container tightly closed and properly labeled. Store in a dry location. Supplier not responsible for disposition of this product. Do not reuse container.

**Storage Temperature:** 28- 105 °F

**Specific Uses:** This product is used as a foaming hand soap, is not used for purposes other than those recommended.

#### Section 8: Exposure Controls/Personal Protection

##### OCCUPATIONAL EXPOSURE LIMIT

##### - ACGIH Threshold Limit Value (TLV) –

Alkyl dimethyl benzyl ammonium: none established (TWA), none established (STEL)

Alkyl dimethyl ethyl benzyl ammonium: none established(TWA), none established (STEL),

Ethyl alcohol: 150 ppm(TWA), 200 ppm (STEL)

**Engineering Controls:** Handle product in a good ventilated area. If product is handled in an open system, the use of process closures, local exhaust, ventilation, and or other engineering controls should be considered to control airborne levels to below recommended exposure limits, or below acceptable levels where there are no limits.

**Respiratory:** A NIOSH approved respirator with a dust, fume and mist filter may be permissible when symptoms have been observed that are indicative of overexposure.

A respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant use of respirator.

**Eye/Face:** Wear chemical safety goggles or full-face shield to protect against contact when appropriate. (ANSIZ87.1)

**Hand:** Avoid prolonged exposure to skin. If irritation or inflammation, rinse under cool water for 15 minutes. If irritation persists, seek medical attention.

**Skin/Body Protection:** Avoid prolonged exposure to skin. If irritation or inflammation, rinse under cool water for 15 minutes. If irritation persists, seek medical attention.

**Other:** Laundry contaminated clothing before use. Emergency shower and eyewash facility should be in close proximity. (ANSI Z358.1)

**Environmental exposure controls:**

Environmental exposure controls should be in accordance with applicable regional, national, and local laws and regulations.

**Section 9: Physical and Chemical Properties**

**Color:** Colorless

**Physical State:** Liquid

**Odor:** Benzaldehyde (organic)

**Odor threshold:** No data available

**pH:** 7.05 (1% v/v)

**Softening Point:** No data available

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling point:** 212- 220 °F

**Flash point:** No data available

**Evaporation rate:** <1

**Flammability:** Contains detergents known to be flammable

**Upper/lower flammability or explosive limits:** N/A

**Auto ignition temperature:** No data available

**Danger of explosion:** No data available

**Vapor pressure:** No data available

**Vapor density:** Estimated to be heavier than air

**Specific Gravity:** 0.994 (8.28 lbs/gal)

**Solubility in/Miscibility with water:** Complete

**Partition Coefficient:** No data available

**Viscosity:** No data available

**Section 10: Stability and Reactivity**

**Chemical stability:** This product should maintain its physical character when stored close to moderate temperatures, between 28 °F and 105 °F.

**Conditions to avoid:** Extreme temperatures and direct sunlight

**Incompatible materials:** Oxidizing Agents, Reducing Agents

**Hazardous decomposition products:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Hazardous Polymerization:** This product does not polymerize under normal storage and use conditions.

**Reactions with air or water:** N/A

**Advise to Prevent Explosion:** Keep away from source of flame.

#### Section 11: Toxicological Information

This product has not produced any overexposed chronic effects. It is also not considered as carcinogenic. Acute overexposures will create the symptoms identified in section 3.

**Carcinogenic effects:** Not a known carcinogen.

**Mutagenic effects:** Not a known mutagenic.

**Teratogenic effects:** Not a known teratogenic

**LD50 Oral (Rat):** 300-2000 mg/kg body weight

**LD50 Dermal (Rat):** 1424 mg/kg body weight

#### Section 12: Ecological Information

**Toxicity:** This material is believed to be slightly toxic to aquatic life.

**Persistence:** This material is believed to be unlikely to persist in the environment

**Biodegradation:** This product contains biodegradable materials.

**Bioaccumulation:** This material is believed to be unlikely to bioaccumulate.

#### Section 13: Disposal Considerations

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations.

#### Section 14: Transport Information

Material not considered hazardous.

#### Section 15: Regulatory Information

Chemical Inventory Status

|            |       |      |    |       |        |       | CANADA |      | SARA 302 |    |     | SARA 313 |             |
|------------|-------|------|----|-------|--------|-------|--------|------|----------|----|-----|----------|-------------|
| Ingredient | Cas # | TSCA | EC | Japan | Austr. | Korea | DSL    | NDSL | Phill.   | RQ | TPQ | List     | Chem Categ. |
|            |       |      |    |       |        |       |        |      |          |    |     |          |             |

#### Section 16: Other Information

##### Key/Legend:

**ACGIH** - American Conference of Governmental Industrial Hygienists

**CAS** - Chemical Abstract Service

**EU** - European Union

**IARC** - International Agency for Research on Cancer

**IMDG** - International Maritime Dangerous Goods

**IMO** - International Maritime Organization

**LD50** - Lethal Dose, dose of a chemical which kills 50% of a sample population

**OSHA** - Occupational Safety and Health Administration

**NIF** - No information found

The information in this Safety Data Sheet should be provided to all who use, handle, transport, or otherwise are exposed to this product. This information has been prepared for the guidance of plant engineering operations, management and persons working with or handling this product. The information presented in this SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. Additionally, if this Safety Data Sheet is more than three years old, please contact this supplier at the phone number above in Section 1 to make sure this sheet is current.

**Prepared by:** White Glove Sanitation Chemicals Inc.

The information and recommendations contained herein are based upon data believed to be correct. No Warranty, expressed or implied, is made.



# Quaternary Ammonia Based MULTI-SURFACE CLEANER



## White Glove Sanitation Chemicals Inc. Safety Data Sheet

### Section 1: Identification

**Product name:** WG-Multi-Surface Cleaner

**Product form:** Mixture

**Product Code:** 0000012-HS

**Synonyms:** Surface Cleaning Solution

**Company:** White Glove Sanitation Chemicals Inc.

**CAS No:** Mixture

**Uses:** Surface cleaning

**Restrictions on Use:** External Use Only

**Manufacturer:**

White Glove Sanitation Chemicals and Solutions

356 Irving Park Rd

Wood Dale IL, 60191 - USA

T: 630-766-7466

**Emergency Telephone:** CHEMTREC **1-800- 424-9300** Within USA C or +1 703-527-3887 in Canada (collect calls accepted)

### Section 2: Hazard(s) Identification

**EC/GHS Classification:** Not Classified

**Eyes:** Irritates on contact. Corneal damage possible with extended exposure

**Inhalation:** Mist and Vapors can irritate the throat and respiratory tract. High vapor concentrations may affect central nervous system. Symptoms may include headaches, dizziness, and drowsiness. Harmful if inhaled.

**Skin:** If allowed to remain on skin for extended periods of time, irritation may occur.

**Ingestion:** May cause burn in gastrointestinal tract, harmful if swallowed.

**Chronic Health Effects:** Not known.

**Conditions Aggravated by Exposure:** Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

**Classification and Labeling:**

**Pictograms:**



**Classification:**

**Hazard Class and Cat. Code- GHS**

Flammable Liquids

Eye Irritation

4

2A

**Risk Phrases (Hazard Statement-  
GHS)**

Warning

Causes serious eye  
irritation

Combustible Liquid

**Precautionary Statements:** Keep away from flames, Avoid Ingestion or eye exposure.

### Section 3: Composition/ Information on Ingredients

| Chemical Name   | Synonym                      | CAS #      | EC #       | %Wt |
|---|------------------------------|------------|------------|-----|
| Water   | Dihydrogen oxide             | 7732-18-5  | 215-185-5  | 89  |
| Sodium Lauryl Ether Sulfate   | N/A                          | 68891-38-3 | NIF        | 1.2 |
| Cocamide Diethanolamine   | Cocamide DEA                 | 68603-42-9 | 271-657-0  | <1  |
| Alkyl Polyglycoside Mixture   | APG                          | 68515-73-1 | NIF        | <1  |
| Dodecyl Benzene Sulfonic Acid                                       | N/A                          | 27176-87-0 | NIF        | <1  |
| Sodium Chloride   | Salt                         | 7647-14-5  | 231-598-3  | <1  |
| Sodium Hydroxide  | Caustic Soda                 | 01310-73-2 | 215-185-5  | <1  |
| Red 40  | FD&C red # 40                | 25956-17-6 | NIF        | <1  |
| Alkyl dimethyl benzyl ammonium chloride (C <sub>12-18</sub> )       | Benzalkonium Chloride        | 68391-01-5 | 269-919-4  | <1  |
| Alkyl dimethyl ethyl benzyl ammonium chloride (C <sub>12-18</sub> ) | Quaternary ammonium compound | 68956-79-6 | 68956-79-6 | <1  |
| Ethyl Alcohol   | Alcohol, Ethanol             | 68956-79-6 | 68956-79-6 | <1  |

### Section 4: First-Aid Measures

**General:** In the event of health problems or if in doubt, inform the physician and provide this SDS.

**Eye Contact:** Immediately Rinse eyes thoroughly in running cool water for at least 15 minutes. If irritation persists, or inflammation or swelling occurs, get medical attention at once, preferably with an ophthalmologist.

**Inhalation:** Remove from exposure. Administer oxygen if breathing is difficult, get medical help immediately.

**Skin Contact:** None necessary under normal conditions of use.

**Ingestion:** Do not induce vomiting. Have conscious victim drink milk or water to dilute. Never give unconscious person anything by mouth. Get medical attention immediately.

**Notes to Physician:** No specialized procedures. Treat for clinical symptoms.

### Section 5: Fire-Fighting Measures

**General Fire Hazards:** Contains Alcohol which may cause fire.

**Suitable Extinguishing Media:** Water, Carbon Dioxide, Dry Chemical, Foam.

**Unsuitable Extinguishing Media:** None known.

**Specific Hazards:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Special Protective Equipment:** Always wear self-contained breathing apparatus when fighting a chemical fire.

### Section 6: Accidental Release Measures

**Personal Precautions:** Follow protective measures provided under Personal Protection in Section 8. Evacuate all unnecessary personnel and eliminate all sources of ignition.

**For Non-Emergency Personnel:** No additional information available

**For Emergency Responders:** No additional information available

**Environmental Precautions:** Avoid contamination of waterway or groundwater.

**Measures for cleaning/collecting:** Capture material and contain for disposal, according with local, state, and federal regulations. Remainder may be diluted enough with water, then rinsed to a sewer.

### Section 7: Handling and Storage

**Handling:** Avoid breathing vapors. Avoid contact with eyes. Do not swallow. Wear personal protective equipment as described in Exposure controls/ Personal Protection (Section 8) of the MSDS. Never move drums with open bungs.

**Special Mixing/ Handling Instructions:** Do not allow contact with materials as noted in Section 10.

**Storage Conditions:** Keep container tightly closed and properly labeled. Store in a dry location. Supplier not responsible for disposition of this product. Do not reuse container.

**Storage Temperature:** 28- 105 °F

**Specific Uses:** This product is used as a foaming hand soap, is not used for purposes other than those recommended.

### Section 8: Exposure Controls/Personal Protection

#### OCCUPATIONAL EXPOSURE LIMIT

##### - ACGIH Threshold Limit Value (TLV) –

Alkyl dimethyl benzyl ammonium: none established (TWA), none established (STEL)

Alkyl dimethyl ethyl benzyl ammonium: none established(TWA), none established (STEL),

Ethyl alcohol: 150 ppm(TWA), 200 ppm (STEL)

**ENGINEERING CONTROLS:** Handle product in a good ventilated area. If product is handled in an open system, the use of process closures, local exhaust, ventilation, and or other engineering controls should be considered to control airborne levels to below recommended exposure limits, or below acceptable levels where there are no limits.

**RESPIRATORY:** A NIOSH approved respirator with a dust, fume and mist filter may be permissible when symptoms have been observed that are indicative of overexposure.

A respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed when ever workplace conditions warrant use of respirator.

**Eye/Face:** Wear chemical safety goggles or full face shield to protect against contact when appropriate. (ANSIZ87.1)

**Hand:** None necessary under normal conditions of use.

**Skin/Body Protection:** None necessary under normal conditions of use.

**OTHER:** Laundry contaminated clothing before use. Emergency shower and eyewash facility should be in close proximity. (ANSI Z358.1)

**Environmental exposure controls:**

Environmental exposure controls should be in accordance with applicable regional, national, and local laws and regulations.

### Section 9: Physical and Chemical Properties

**Color:** Colorless to Pink

**Physical State:** Liquid

**Odor:** Benzaldehyde (organic)/ Detergent

**Odor threshold:** No data available

**pH:** 7.05 (1% v/v)

**Softening Point:** No data available

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling point:** 212- 220 °F

**Flash point:** No data available

**Evaporation rate:** <1

**Flammability:** Contains detergents known to be flammable

**Upper/lower flammability or explosive limits:** N/A

**Auto ignition temperature:** No data available

**Danger of explosion:** No data available

**Vapor pressure:** No data available

**Vapor density:** Estimated to be heavier than air

**Specific Gravity:** 0.994 (8.28 lbs/gal)

**Solubility in/Miscibility with water:** Complete

**Partition Coefficient:** No data available

**Viscosity:** No data available

### Section 10: Stability and Reactivity

**Chemical stability:** This product should maintain its physical character when stored close to moderate temperatures, between 28 °F and 105 °F.

**Conditions to avoid:** Extreme temperatures and direct sunlight

**Incompatible materials:** Oxidizing Agents, Reducing Agents

**Hazardous decomposition products:** Carbon Monoxide, Carbon Dioxide gases (toxic) and Nitric oxides (toxic) liberated during combustion.

**Hazardous Polymerization:** This product does not polymerize under normal storage and use conditions.

**Reactions with air or water:** N/A

**Advise to Prevent Explosion:** Keep away from source of flame.

### Section 11: Toxicological Information

This product has not produced any overexposed chronic effects. It is also not considered as carcinogenic. Acute overexposures will create the symptoms identified in section 3.

**Carcinogenic effects:** Not a known carcinogen.

**Mutagenic effects:** Not a known mutagenic.

**Teratogenic effects:** Not a known teratogenic

**LD50 Oral (Rat):** >2500 mg/kg body weight

**LD50 Dermal (Rat):** >2500 mg/kg body weight

### Section 12: Ecological Information

**Toxicity:** This material is believed to be slightly toxic to aquatic life.

**Persistence:** This material is believed to be unlikely to persist in the environment

**Biodegradation:** This product contains biodegradable materials.

**Bioaccumulation:** This material is believed to be unlikely to bioaccumulate.

### Section 13: Disposal Considerations

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations.

### Section 14: Transport Information

Material not considered hazardous.

### Section 15: Regulatory Information

Chemical Inventory Status

|                  |           |      |     |       |        |       | CANADA |      | SARA 302 |    |     | SARA 313 |             |
|------------------|-----------|------|-----|-------|--------|-------|--------|------|----------|----|-----|----------|-------------|
| Ingredient       | Cas #     | TSCA | EC  | Japan | Austr. | Korea | DSL    | NDSL | Phill.   | RQ | TPQ | List     | Chem Categ. |
| Sodium Hydroxide | 1310-73-2 | Yes  | Yes | Yes   | Yes    | Yes   | Yes    | No   | Yes      | No | No  | No       | No          |
|                  |           |      |     |       |        |       |        |      |          |    |     |          |             |

### Section 16: Other Information

#### Key/Legend:

**ACGIH** - American Conference of Governmental Industrial Hygienists

**CAS** - Chemical Abstract Service

**EU** - European Union

**IARC** - International Agency for Research on Cancer

**IMDG** - International Maritime Dangerous Goods

**IMO** - International Maritime Organization

**LD50** - Lethal Dose, dose of a chemical which kills 50% of a sample population

**OSHA** - Occupational Safety and Health Administration

**NIF** - No information found

The information in this Safety Data Sheet should be provided to all who use, handle, transport, or otherwise are exposed to this product. This information has been prepared for the guidance of plant engineering operations, management and persons working with or handling this product. The information presented in this SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. Additionally, if this Safety Data Sheet is more than three years old, please contact this supplier at the phone number above in Section 1 to make sure this sheet is current.

**Prepared by:** White Glove Sanitation Chemicals Inc.

The information and recommendations contained herein are based upon data believed to be correct. No Warranty, expressed or implied, is made.