

## Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 09/01/2020

Reviewed on 09/01/2020

### 1 Identification

- **Product Identifier**
- **Trade Name:** *Beyond a New Way to Clean Multi-Purpose Disinfecting Cleaner*
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Disinfectant cleaner
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
Kleen Test Products  
1611 Sunset Road  
Port Washington, WI 53074  
P: (262) 284-6600  
www.kleentest.com
- **Emergency telephone number:** 1-800-424-9300 (CHEMTREC, 24 hours)

### 2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Corrosion

Skin Corr. 1C H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

- **Label elements:**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS05

- **Signal word:** Danger
- **Hazard-determining components of labeling:**  
Hydrogen peroxide solution
- **Hazard statements:**  
H314 Causes severe skin burns and eye damage.
- **Precautionary statements:**
  - P260 Do not breathe dusts or mists.
  - P264 Wash thoroughly after handling.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection.
  - P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
  - P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P310 Immediately call a poison center/doctor.
  - P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
  - P363 Wash contaminated clothing before reuse.

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P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.  
0 % of the mixture consists of component(s) of unknown toxicity.

- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA ratings (scale 0 - 4)**



• **HMIS-ratings (scale 0 - 4)**

HEALTH	3	Health = 3
FIRE	0	Fire = 0
REACTIVITY	0	Physical Hazard = 0

- **Hazard(s) not otherwise classified (HNOC):** None known

### 3 Composition/Information on Ingredients

• **Non-hazardous components:**

7732-18-5	Water, distilled water, deionized water	60-90%
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• **Chemical characterization: Mixtures**

- **Description:** Mixture of substances listed below with non-hazardous additions.

• **Dangerous Components:**

CAS: 7722-84-1 RTECS: MX0887000	Hydrogen peroxide solution ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	>0-≤12%
CAS: 77-92-9 RTECS: GE 7350000	Citric Acid ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	≤2.5%

• **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

### 4 First-Aid Measures

• **Description of first aid measures**

- **General information:** Immediately remove any clothing soiled by the product.

• **After inhalation:**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

• **After skin contact:**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

• **After eye contact:**

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

• **After swallowing:**

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration.

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- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

### 5 Fire-Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**  
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:**  
Avoid contact with skin, eyes and clothing.  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralizing agent.  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.  
Dispose of the collected material according to regulations.
- **Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

• <b>PAC-1:</b>	7722-84-1 Hydrogen peroxide solution	10 ppm
• <b>PAC-2:</b>	7722-84-1 Hydrogen peroxide solution	50 ppm
• <b>PAC-3:</b>	7722-84-1 Hydrogen peroxide solution	100 ppm

### 7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

### 8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**  
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.  
At this time, the remaining constituent has no known exposure limits.

#### 7722-84-1 Hydrogen peroxide solution

PEL	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm
REL	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm
TLV	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing and wash before reuse.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Select glove material based on penetration times, rates of diffusion and degradation.

- **Material of gloves:**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:**  
The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

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**Trade Name: Beyond A New Way To Clean Multi-Purpose Disinfecting Cleaner**

· **Eye protection:**



Tightly sealed goggles

### 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:

Liquid

Color:

Colorless

· **Odour:**

Floral

· **Odor threshold:**

Not determined.

· **pH-value @ 20 °C(68 °F):**

1.7-2

· **Change in condition**

Melting point/Melting range:

Not determined.

Boiling point/Boiling range:

≥100 °C (≥212 °F)

· **Flash point:**

None

· **Flammability (solid, gaseous):**

Not applicable.

· **Ignition temperature:**

Not applicable

· **Decomposition temperature:**

Not determined.

· **Auto igniting:**

Product is not self-igniting.

· **Danger of explosion:**

Product does not present an explosion hazard.

· **Explosion limits:**

Lower:

Not determined.

Upper:

Not determined.

· **Vapor pressure @ 20 °C(68 °F):**

≤23 hPa (≤17.3 mm Hg)

· **Density @ 20 °C(68 °F):**

1-1.01 g/cm<sup>3</sup> (8.345-8.4285 lbs/gal)

· **Relative density:**

Not determined.

· **Vapor density:**

Not determined.

· **Evaporation rate:**

Not determined.

· **Solubility in / Miscibility with:**

Water:

Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic:

Not determined.

Kinematic:

Not determined.

· **Solvent content:**

VOC content:

<1 %

Solids content:

1.0 %

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- **Other information:** No further relevant information available.

### 10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Incompatibilities, flames, ignition sources.
- **Incompatible materials:** Acids, strong alkali, chemical reducing agents.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects:**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

#### 7722-84-1 Hydrogen peroxide solution

Oral	LD50	2,000 mg/kg (Mouse) 820 mg/kg (Rabbit)
Dermal	LD50	4,060 mg/kg (Rat)
Inhalative	LC50/96 hours	2,000 mg/l (Rat)

#### 77-92-9 Citric Acid

Oral	LD50	5,040 mg/kg (Mouse) 5,400 mg/kg (Rat)
Dermal	LD50 LC50/48 hrs	>2,000 mg/kg (Rat) 440 mg/l (Daphnia)

- **Primary irritant effect:**

- **On the skin:**

Strong caustic effect on skin and mucous membranes.  
Corrosive effect on skin and mucous membranes.  
Corrosive to skin and mucous membranes.

- **On the eye:**

Strong irritant with the danger of severe eye injury.  
Corrosive effect.  
Causes serious eye irritation.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Corrosive

Swallowing will lead to a corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.

- **Carcinogenic categories:**

- **IARC (International Agency for Research on Cancer):**

Group 1 - Carcinogenic to humans  
Group 2A - Probably carcinogenic to humans  
Group 2B - Possibly carcinogenic to humans  
Group 3 - Not classifiable as to its carcinogenicity to humans  
Group 4 - Probably not carcinogenic to humans

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7722-84-1	Hydrogen peroxide solution	3
<b>· NTP (National Toxicology Program):</b> None of the ingredients are listed.		
<b>· OSHA-Ca (Occupational Safety &amp; Health Administration):</b> None of the ingredients are listed.		

### 12 Ecological Information

<b>· Toxicity:</b>	
<b>· Aquatic toxicity:</b>	
<b>77-92-9 Citric Acid</b>	
EC50	1,534 mg/l (Daphnia)
<b>· Persistence and degradability:</b> No further relevant information available.	
<b>· Behavior in environmental systems:</b>	
<b>· Bioaccumulative potential:</b> No further relevant information available.	
<b>· Mobility in soil:</b> No further relevant information available.	
<b>· Additional ecological information:</b>	
<b>· General notes:</b> Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.	
<b>· Results of PBT and vPvB assessment:</b>	
<b>· PBT:</b> Not applicable.	
<b>· vPvB:</b> Not applicable.	
<b>· Other adverse effects:</b> No further relevant information available.	

### 13 Disposal Considerations

<b>· Waste treatment methods</b>	
<b>· Recommendation:</b> Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.	
<b>· Uncleaned packaging</b>	
<b>· Recommendation:</b> Disposal must be made according to official regulations.	
<b>· Recommended cleansing agent:</b> Water, if necessary with cleansing agents.	

### 14 Transport Information

<b>· UN-Number:</b>	UN3265
<b>· DOT, ADR/ADN, IMDG, IATA</b>	UN3265
<b>· UN proper shipping name:</b>	Corrosive liquid, acidic, organic, n.o.s.
<b>· DOT</b>	UN3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
<b>· ADR/ADN</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., MARINE POLLUTANT
<b>· IMDG</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
<b>· IATA</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

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### Trade Name: Beyond A New Way To Clean Multi-Purpose Disinfecting Cleaner

· **Transport hazard class(es):**

· **DOT, IMDG**



- **Class:** 8 Corrosive substances
- **Label:** 8

· **ADR/ADN**



- **Class:** 8 (C3) Corrosive substances
- **Label:** 8

· **IATA**



- **Class:** 8 Corrosive substances
- **Label:** 8
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** III
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Warning: Corrosive substances
- **Danger code (Kemler):** 80
- **EMS Number:** F-A,S-B
- **Segregation groups:** Acids
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

· **Transport/Additional information:**

- **DOT**
- **Quantity limitations:** On passenger aircraft/rail: 5 L  
On cargo aircraft only: 60 L
- **Remarks:** Special marking with the symbol (fish and tree).

· **ADR/ADN**

- **Excepted quantities (EQ):** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

· **IMDG**

- **Limited quantities (LQ):** 5L
- **Excepted quantities (EQ):** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

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**Trade Name: Beyond A New Way To Clean Multi-Purpose Disinfecting Cleaner**

- **UN "Model Regulation":** UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, III

### 15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

- **Section 355 (extremely hazardous substances):**

7722-84-1 Hydrogen peroxide solution

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed or exempt from listing.

- **California Proposition 65:**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

- **New Jersey Right-to-Know List:**

7722-84-1 Hydrogen peroxide solution

- **New Jersey Special Hazardous Substance List:**

7722-84-1 Hydrogen peroxide solution CO, MU, R3

- **Pennsylvania Right-to-Know List:**

7722-84-1 Hydrogen peroxide solution

- **Pennsylvania Special Hazardous Substance List:**

7722-84-1 Hydrogen peroxide solution E

- **Carcinogenic categories:**

- **EPA (Environmental Protection Agency):**

EPA Registered: 85837-4-8251

- **TLV (Threshold Limit Value established by ACGIH):**

7722-84-1 Hydrogen peroxide solution A3

- **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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· **Hazard pictograms:**



GHS05

· **Signal word:** Danger

· **Hazard-determining components of labeling:**

Hydrogen peroxide solution

· **Hazard statements:**

H314 Causes severe skin burns and eye damage.

· **Precautionary statements:**

P260 Do not breathe dusts or mists.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a poison center/doctor.

P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

None of the ingredients are listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 09/01/2020

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

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### **Trade Name: Beyond A New Way To Clean Multi-Purpose Disinfecting Cleaner**

LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety and Health  
OSHA: Occupational Safety & Health Administration  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Ox. Liq. 1: Oxidizing liquids – Category 1  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
· **\* Data compared to the previous version altered.**  
SDS created by Kleen Test Products