



**KMI
GLOBAL**

Peraspray





PERASPRAY™

Ready-to-use sanitizing
peracetic acid spray
EPA Registration: 63838-15

TECHNICAL DATA

PROPERTIES

PERASPRAY™ is the only ready-to-use (RTU), EPA-registered peracetic acid spray on the market for cleaning, deodorizing, sanitizing, and disinfecting all types of surfaces. This product is completely chlorine free and leaves no harmful or toxic residues. **PERASPRAY™** is a broad-spectrum sanitizer that eradicates 99.999% of bacteria within 60 seconds of contact. This product has bactericidal/virucidal disinfection (99.9%) claims against the following organisms: *S. aureus*, *P. aeruginosa*, *S. enterica*, *E. coli*, *K. pneumoniae*, *L. monocytogenes*, Human Rhinovirus 42 (the common cold), and Influenza A.

APPLICATIONS

PERASPRAY™ is an excellent sanitizer for a wide variety of surfaces including food contact surfaces. It can be utilized in wide variety of processing plants including but not limited to; bakeries, wineries, breweries, produce processing plants, dry environments, meat and poultry processing plants. This product can also be used to directly sanitize raw, fruits and vegetables, herbs, and spices.

PHYSICAL PROPERTIES

Color	Colorless, clear
Scent	Slight vinegar odor
Density (20 °C)	1.00 g/mL (8.34 lbs./gal)
pH	2.2-2.4
Peracetic acid content	170 ppm
Hydrogen peroxide content	8,550 ppm

DIRECTIONS FOR USE

To Sanitize Non-Porous Food Contact Surfaces:

Spray surface until thoroughly wet. Alternatively, directly apply with a dry paper towel, lint-free cloth, sponge, or mop and wipe surface. Let stand 60 seconds then wipe dry. For heavily soiled areas, a pre-cleaning is required. A potable water rinse is not required.

To Disinfect:

Spray on surface until thoroughly wet. Let stand for 10 minutes.

Fruit and vegetable use

Thoroughly spray raw, fresh fruits vegetables, herbs, or spices with a liberal amount of this product. A water rinse is optional.

Not recommended for use on copper, brass, bronze, zinc, mild steel, high carbon steel, zinc, and cast iron

PACKAGING

5 gal pails (42#) and 55-gallon drums (450#). Larger pack sizes available upon request. Shelf-life, 1-year from the date of manufacture

IMPORTANT

Read and understand label and Safety Data Sheet (SDS) for complete listing of hazards, precautions, first aid statements, and storage and handling information. SDS are available from the distributor of this product. 24-Hour Emergency Response Line 1-800-255-3924.

Product #31 (V-1/7/2019)

All information and statements contained herein are believed to be accurate at the time of publication, but Enviro Tech Chemical Services, Inc. makes no warranty with respect thereto, including but not limited to any results to be obtained or the infringement of any proprietary rights. Use or application of such information or statements is at user's sole discretion, without any liability on the part of Enviro Tech. Nothing herein shall be construed as a license of or recommendation for use which infringes upon any proprietary rights. Use of this product shall be the sole responsibility of user, and Enviro Tech shall not be liable in any way for said use, other than reimbursement for the actual cost of product.



PERASPRAY

Antibacterial & Antiviral One-Step Sanitizer

Ready-To-Use 170-ppm Peracetic Acid (PAA) Solution

PERASPRAY

Eliminating Bacteria
and Viruses,
One Spray at a Time

EPA registered PERASPRAY is the only stable, RTU peracetic acid product on the market and is certified Kosher as well as for use in organic production.

PERASPRAY is a broad-spectrum hard surface sanitizer and disinfectant that **kills 99.999% of bacteria in less than 60 seconds and 99.9% of viruses in 10 minutes** when used as directed. **PERASPRAY** is also certified Kosher and useful for organic production.



Sanitizes
& Disinfects



Deodorizers and
has a clean
Vinegar Odor



Bleach Free



Chlorine-free



Doesn't leave
behind harmful
or toxic residue



**NON-HARMFUL
CHEMISTRY
GREENEST
OF GREEN
CHEMISTRIES**



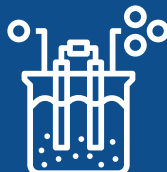
**EFFECTIVE AGAINST
BACTERIA AND VIRUSES**

**SHIPS
NON-HAZARDOUS**
Offered in **Quart** Bottles
And **gallon** Pack-Sizes:

2.5	55
5	320



Approved for
Organic Operations
(OMRI Listed)



PERASPRAY ACTIVE INGREDIENTS:
 Peroxyacetic Acid **0.017%**
 Hydrogen Peroxide **0.855%**

OTHER INGREDIENTS: 99.128%
TOTAL 100.000%

Coronaviruses are enveloped positive stranded RNA viruses, meaning they are easy to kill with the appropriate disinfectant products

source EPA

PERASPRAY cleans, sanitizes, disinfects and deodorizes hard non-porous surfaces and high-touch areas including:

Use Sites:

- Bathrooms
- Butcher shops
- Households
- Institutions
- Cafeterias
- Fast food restaurants
- Kitchens
- Offices
- Restaurants
- Restrooms
- Supermarkets

Surfaces:

- Bathtubs
- Casing, Shell and Hatching Eggs
- Countertops /Tabletops
- Dining room surfaces
- Drain boards
- Pet areas
- Showers
- Toilets
- Toilet seats



Kills 99.9% of bacteria & viruses

- S. aureus
- P. aeruginosa,
- S. enteric,
- E. coli
- K. pneumoniae
- L. monocytogenes
- Human Rhinovirus 42 (Common cold)
- H1N1 Flu Virus (swine flu)

Available in 12x1 quart cases, pails, drums and totes.

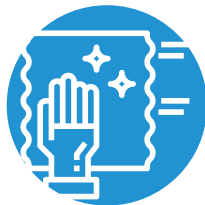


Directions for use:



Spray

6-8 inches from surface until thoroughly wet. Alternatively, directly apply with a dry paper towel, lint-free cloth, sponge, or mop



Wipe

with a clean cloth or paper towel or allow to air dry.



Let stand

60 seconds for sanitation. 10 minutes for disinfection



Rinse

No rinse required. Optional potable water rinse for food contact, but not required.

SHIPS NON-HAZARDOUS
Offered in **Quart** Bottles
And **gallon** Pack-Sizes:

2.5 55
5 320

Place orders by eMailing orders@envirotech.com

Enviro Tech Chemical Services, Inc. 500 Winmoore Way Modesto, CA 95358

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: PERASPRAY**Product Code:** 31**Product Use:** Disinfectant/Sanitizer**Registration Number:** 63838-15

Enviro Tech Chemical Services, Inc.
500 Winmoore Way Modesto, CA 95358
(209) 581-9576 (7 AM to 5 PM, PST, Monday to Friday)

24 Hr. Emergency Tel.#: 1-800-255-3924

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

Not classified as hazardous under 29 CFR 1910.1200 OSHA Hazard Communication 2012.

Signal Word: NONE**Hazard Statements:**

May cause skin irritation

May cause eye irritation

Precautionary Statements:

Wear gloves when contacting spray directly.

IF IN EYES: Hold eyes open and rinse gently with water for 15-20 minutes. Seek medical attention if irritation persists.**Hazards not Otherwise Classified:**

No other hazards classified.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any hazardous or noxious ingredients defined by any regulatory or governmental agency.

SECTION 4 - FIRST-AID MEASURES

Inhalation: Get medical advice/attention if you feel unwell or are concerned.**Skin Contact:** Rinse with lukewarm, gently flowing water for 5 minutes or until product is removed. Call a POISON CENTER/doctor if you feel unwell.**Eye Contact:** If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.**Ingestion:** If you feel unwell, or if concerned: Get medical advice/attention.**Most Important Symptoms and Effects, both Acute and Delayed:** Contact with eye can cause irritation. Contact with skin can cause irritation.**Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, powder, foam, carbon dioxide.**Special hazards arising from the substance or mixture:** No special hazards known**Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):** Non flammable**Hazardous Combustion Products:** Non combustible**Special protective equipment and precautions for firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: This chemical is non hazardous

Enviro Tech Chemical Services, Inc. 500 Winmoore Way Modesto, CA 95358

SAFETY DATA SHEET

Methods and materials for containment and cleaning up: SMALL SPILLS (less than 1 gallon): May be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear safety glasses when handling this product. Wear gloves if coming in direct contact with spray.

Conditions for Safe Storage: Keep product in tightly closed container when not in use. Do not drop, roll or skid drum.

Incompatible Materials: None known

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: No additional ventilation needed

Respiratory Protection: No additional respiratory protection needed

Skin Protection: Wear gloves when contacting spray directly.

Eye/Face Protection: Wear safety glasses when handling this product.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity.

General Hygiene Conditions: No unusual precautions are necessary.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid

Odor: Slight vinegar odor

pH: 2.2-2.4

Melting/Freezing point: No information available

Initial boiling point and boiling range: No information available

Flammability (solid, gas): Non flammable

Specific gravity: 1.00 g/mL

Solubility in water: Complete

Decomposition temperature: No information available

Viscosity: 5-15 cSt at 20°C / 68°F

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Non reactive

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Do not have in contact with carbon steel or galvanized metals for extended periods.

Incompatible Materials: Carbon steel and galvanized steel.

Hazardous Decomposition Products: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - Inhalation: NO

Routes of entry - Skin & Eye: YES

Routes of entry - Ingestion: NO

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: May cause irritation to respiratory system in mist/vapor form.

Ingestion: No known hazards.

Skin: Not a skin irritant but may cause itching or skin irritation on some individuals. Rinse hands thoroughly if exposed.

Eye: May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

Potential Chronic Health Effects:

Mutagenicity: Not known to have mutagenic effects in humans or animals.

SAFETY DATA SHEET

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive effects: No known reproductive effects in humans or animals.

Sensitization to material: Not a known sensitizer in humans or animals.

Toxicological data: The calculated ATE values for this mixture are:

ATE oral = >10000 mg/kg

ATE dermal = >10000 mg/kg

ATE inhalation = >20.0 mg/L

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and degradability: Not expected to persist. Readily biodegradable.

Bioaccumulation potential: Not expected to bioaccumulate.

Mobility in soil: Soluble in water and mobile in soil.

Other adverse effects: None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: Not applicable.

SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information: Non-hazardous material.

Environmental hazards: Not a Marine Pollutant

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA information: All components are listed on the TSCA inventory.

US CERCLA reportable quantity (RQ): Non Regulated Material.

SARA Title III: No chemicals in this product are subject to SARA Title III reporting.

US State Right to Know Laws: Non hazardous

International Information: Non hazardous

SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate



ועד הרבנים דעטראיט
Council of Orthodox Rabbis of Greater Detroit

18877 West 10 Mile Road #101 Southfield, MI 48075
Phone: (248) 559 – 5005 Fax: (248) 559 – 5202 cor@cordetroit.com www.cordetroit.com

Rabbi Yisroel M. Levin
Rabbi Yechiel Morris
Rabbi Elimelech Silberberg
Presidium

December 15, 2023

To Whom It May Concern:

Rabbi Moshe Wainkrantz
Director

The following cleaning products, manufactured by **KMI Cleaning Solutions**, 157 Beadle Lake Road, Battle Creek, MI 49014, and by **Arrow Chemical Products Inc.**, 2067 Saint Ann Street, Detroit, MI 48216, which are going to be used at Kosher tank wash facilities throughout the country, are certified Kosher and Pareve, and are under the supervision of the Council of Orthodox Rabbis of Greater Detroit. Both plants have been visited by our Kashruth administrator, Rabbi Krupnik, and will continue to be inspected throughout the year.

Rabbi Beryl Broyde
Rabbi Yosef Krupnik
K-COR – Kashrus Division

- **Kleen Strip Powder**
- **D-8000 Powdered Detergent**
- **Breakaway Detergent**
- **191 Performance**
- **TW-22**
- **Work Horse**
- **Citra Clean**
- **Alligator**
- **X-20**
- **Swish**
- **Orange Gator**
- **Sudz**
- **Passivator**
- **Citric Passivator**
- **Metal Prep**

The products are a family of detergents based on Kosher Pareve approved acids (sulfuric acid, phosphoric acid, etc.) and other chemicals approved as Kosher and Pareve.

This certificate is valid through December 31, 2024.

Sincerely,

Rabbi Moshe Wainkrantz
Director, Council of Orthodox Rabbis of Greater Detroit

