

Disinfectant

CLEAR LEMON DISINFECTANT, VIRUCIDE* AND CLEANER

Neutral cleaning and disinfecting can be accomplished with this lemon product. This product is a quat based ammonium disinfectant that is effective against bacteria including Salmonella Choleraesuis, Pseudomonas Aeruginosa and Staphylococcus Aureus on hard surfaces. It is also effective against the HIV-1 (AIDS) Virus.

Clear Lemon is formulated to clean and disinfect while leaving a fresh, deodorizing, lemon fragrance. Ideal for use in virtually all institutional or commercial sanitation programs for the control of disease and odor causing germs. It may be used on virtually all washable surfaces such as porcelain, tile, enamel, metal, resilient floors, laminates and painted surfaces. It will not dull or remove detergent resistant floor finishes or waxes.

Features	Benefits
Neutral pH	- Safe on finished floors
Surfactant enhanced	- Excellent cleaning capabilities
Fresh, deodorizing lemon scent	- Counteracts airborne odors
2-4 ounce dilution ratio	- Lower cost in use than most products
Quat based formula	- Can be used as a general disinfectant or hospital use disinfectant at correct dilution

Areas of Use -

- Hospitals and nursing homes
- Clinics and doctor's offices
- Schools, universities and child care centers
- Office buildings and retail stores
- Hotels and motels
- Airports, public transports
- Public restrooms
- Restaurants and cafeterias
- Industrial plants, food processing plants

To Use -

For effective cleaning, general disinfecting, and deodorizing mix solution at 1:64 (2 oz per gallon of water) use dilution. For hospital grade and HIV disinfection, mix solution at 1:32 (4 oz per gallon of water). For these and other applications, see label for complete directions and use only as directed.

Specifications Data	
Available Sizes - 4/1G, 5G, 55G	Physical State - Liquid
Color - Yellow	Fragrance - Lemon
Wetting Ability - Excellent	Freeze/Thaw - Stable
USDA - C2	Biodegradable - Yes
Total Actives - 3.3% quat	Detergency - Excellent
Specific Gravity - 1.00	pH (undiluted) - 7.0



PROFESSIONAL PRODUCTS

CARROLL

800.527.5722

<http://www.carrollco.com>

MATERIAL SAFETY DATA SHEET

5/4/05

CARROLL COMPANY
EMERGENCY TELEPHONES

2900 West Kingsley Road
Infotrac 24 Hours

Garland, TX 75041
1-800-535-5053

1-972-278-1304
1-800-527-5722

NAME: **SECTION 1 - PRODUCT**
CLEAR LEMON
Product No: 776
Product Type: Quat Disinfectant

Health	Flammability	Reactivity	PPE*
0	0	0	3
Health Haz 0= minimal 1= slightly haz 2= hazardous 3= serious haz 4= severe haz	Fire Haz 0= will not burn 1= FP>141F 2= FP=>73F=<141F 3= FP<73F 4= BP<95F FP by PMCC	Reactivity 0= none 1= mild 2= strong	Personal Protection 0= not necessary 1= goggles 2= goggles, gloves 3= goggles, gloves, protective clothes 4= goggles, gloves & respirator
* DGIS			

SECTION 2 - HAZARDOUS INGREDIENTS

quaternary Ammonium Chloride CAS #68424-85-1 Wt%=3.30
Isopropanol CAS #67-63-0 Wt%=4.40

SECTION 3 - HEALTH HAZARD & FIRST AID*

- | | |
|--|---------|
| 1. Acute Health Effect | Minimal |
| 2. Chronic Health Effects | None |
| 3. Carcinogen | NO |
| 4. Primary Entry Routes: | |
| a) Skin & Eyes: Contact with the skin may cause irritation. Can be corrosive to the eyes. | |
| b) Ingestion: May be harmful. | |
| c) Inhalation: Not considered a hazard. | |
| 5. First Aid: | |
| a) Skin: Remove contaminated clothing-wash skin with soap & water. Do not get on the skin. If irritation persists get medical attention. | |
| b) Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get medical attention if irritation persists. | |
| c) Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention. | |
| d) Inhalation: N/A | |

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS

- | | |
|-------------------------------|----------------------|
| 1. Physical State | Liquid |
| 2. Color | Yellow |
| 3. Odor | Lemon |
| 4. Solubility in water | Complete |
| 5. Specific Gravity (H2O=1.0) | 1.00 |
| 6. pH | 7.0 |
| 7. Freezing Point | N/A |
| 8. Flash Point | None (will not burn) |
| 9. Vapor Pressure | N/A |

SECTION 5 - FIRE AND EXPLOSION HAZARD

- | | |
|-------------------------------------|---|
| 1. Flash Point | None (will not burn) |
| 2. Extinguishing Media | N/A |
| 3. Special Fire Fighting Procedures | N/A |
| 4. Unusual Fire & Explosion Hazard | Fire fighters should observe all precautions that apply to any fire where chemicals are stored. |

SECTION 6 - REACTIVITY DATA

- | | |
|------------------------|------------|
| 1. Stability | Stable |
| 2. Conditions to Avoid | None Known |

SECTION 7 - SPILL OR LEAK PROCEDURES

1. Wear Recommended Personal Protection Equipment.
2. If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
3. Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION*

1. Wear goggles.
2. Wear rubber gloves.
3. Wear protective clothing.

SECTION 9 - SPECIAL PRECAUTIONS

1. Store containers tightly closed and in an upright position.
2. Do not destroy or deface the label.

SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:
None

SECTION 11 - TOXICOLOGICAL INFORMATION

None

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL CONSIDERATIONS

1. See Section 7 above.

SECTION 14 - DOT TRANSPORT INFORMATION

1. This product is Not Regulated.

SECTION 15 - OTHER REGULATORY INFORMATION

All ingredients appear on the TSCA Inventory List.

SECTION 16 - OTHER INFORMATION

- *Revision in Section 1 and 8.
1. N/A = Not Applicable
 2. *Dangerous Goods Identification System (DGIS)
 3. PMCC = Pensky Martin Closed Cup
 4. Manufacturer believes that the information given here is accurate. The suggested procedures are based on experience and common sense and are not necessarily all-inclusive of every conceivable circumstance.

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2= hazardous	2= FP=>73F=<141F	2= strong	2= goggles, gloves
3= serious haz	3= FP<73F		3= goggles, gloves, protective clothes
4= severe haz	4= BP<95F FP by PMCC		4= goggles, gloves & respirator

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