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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to
comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
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PRODUCT NUMBER: 312

IDENTITY: PHENOMENAL DISINFECTANT

Revision Date: 01/24/2007

Section I **DISTRIBUTED BY NATIONAL AMERICAN SALES CORP 800-821-3732 PHONE**

Manufacturer's Name: QUEST CHEMICAL CORPORATION
Address: 12255 FM 529
 NORTHWOODS INDUSTRIAL PARK
 HOUSTON
 State: TX Zip Code: 77041

Telephone Numbers:
Emergency: 800/255-3924
Information: 713/8968188

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 3 HEALTH: 1 PERSONAL PROTECT: A

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)
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Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
ETHYL ALCOHOL	64-17-5	1000 PPM	1000 PPM	N/A	_____
O-PHENYL PHENOL	+ 90-43-7	NONE	NONE		_____
PROPANE/N-BUTANE	68476-86-8	1000 PPM	600 PPM	N/A	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comment:

THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN
TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS
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Boiling Point:	165	Specific Gravity (water=1)	0.87
Vapor Pressure(mm Hg)	44	Melting Point:	N/A
Vapor Density(AIR=1)	1	Evaporation Rate:	>1
Solubility in Water:	100%	(Butyl Acetate=1)	
Appearance and Odor:	CLEAR AMBER SPRAY. ORANGE/CITRUS ODOR.		

Section IV: FIRE AND EXPLOSION HAZARD DATA
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Flash Point(Method Used): 68 F TOC Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: STANDARD CHEMICAL FIRE EXTINGUISHER
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO
TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. CONTAINS FLAMMABLE PROPELLANT.

Section V: REACTIVITY DATA

PRODUCT NUMBER: 312

Stability: Unstable: Conditions to avoid:
Stable: X TEMPERATURES ABOVE 120 F.
Incompatibility (Materials to Avoid): STRONG OXIDIZERS.

Hazardous Decomposition or Byproducts: NONE KNOWN

Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: N/A

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards (Acute and Chronic):
INHALATION: MAY IRRITATE MOUTH, NOSE AND THROAT LEADING TO SLEEP AND STUPOR. SKIN: CAUSES DRYING AND IRRITATION. EYES: SEVERE IRRITATION. INGESTION: HARMFUL OR FATAL DEPENDING ON AMOUNT CONSUMED.
Carcinogenicity: NTP:NO IARC Monographs:NO OSHA Reg:NO
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN.

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR.
SKIN OR EYES: FLUSH WITH WATER FOR 15 MINUTES, SEE PHYSICIAN IF IRRITATION PERSISTS. INGESTION: INDUCE VOMITING, GIVE COPIOUS AMOUNT OF WATER AND CALL PHYSICIAN.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: MOP OR WIPE UP SPILL. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES.

Waste Disposal Method: WRAP CONTAINER AND PLACE IN TRASH COLLECTION. DO NOT PUNCTURE OR INCINERATE CONTAINER.

Precautions to be Taken in Handling and Storing: STORE IN A COOL, DRY AREA. KEEP AWAY FROM HEAT, FLAME OR SPARKS.

Other Precautions: EXPOSURE TO TEMPERATURES >120 F MAY CAUSE BURSTING.

Section VIII: CONTROL MEASURES

Respiratory Protection: N/A
Ventilation: Local Exhaust: ADEQUATE
Mechanical: N/A Special: N/A
Other: N/A
Protective Gloves: ONLY IF REPEATED CONTACT W/SKIN OCCURS.
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other Protective Clothing or Equipment:
N/A
Work/Hygienic Practices:
WASH HANDS AFTER USE



PHENOMENAL - CITRUS
HOSPITAL SANITIZER, DISINFECTANT AND DEODORANT

DESCRIPTION

A hospital grade disinfectant and deodorant that kills TB (Tubercule Bacilli), E. Coli, Herpes Simplex Types 1 and 2, Salmonella enterica, Staphylococcus, Avian Influenza A virus (H5N1), Methicillin-resistant Staphylococcus aureus (MRSA) and more.

APPLICATIONS

Sanitizes and disinfects telephones, toilet seats, urinals, sinks, showers, refuse cans, and office equipment. For use in medical, dental, and health care facilities; including nursing homes, and veterinary clinics.

FEATURES & BENEFITS

- Germicidal—kills Staph, E. Coli, Tuberculosis, Methicillin-resistant Staphylococcus aureus (MRSA) and more
Virucidal against HIV-1 (AIDS virus), Herpes Simplex 1 and 2, Avian Influenza A virus (H5N1) and more
Powerful—combines germ killing ingredients
Destroys mildew and musty odors at their source

SPECIFICATIONS

FORM: Alcohol Based Aerosol
ODOR: Citrus
COLOR: Clear
DETERGENCY: None
TOXICITY: 1000 ppm OSHA TLV
WETTING ABILITY: None
STORAGE STABILITY: 1 Year +
COLD STABILITY: 0°F
PHOSPHATES: None

FLASH POINT: 68°F Conc.
FLAME EXTENSION: 12"
SOLUBILITY IN WATER: 100%
SPECIFIC GRAVITY: 0.88
% VOLATILE BY VOLUME: 99%
pH: 7.25 Conc.
PROPELLANT: Hydrocarbon
EVAPORATION RATE: Slow
BIODEGRADABILITY: No

Table with 2 columns: ACTIVE INGREDIENTS and percentages. Includes 2-Phenylphenol (0.199%), 4-tert-Amylphenol (0.046%), Ethanol (53.000%), and INERT INGREDIENTS (46.755%).

LABEL INFORMATION

PHENOMENAL - CITRUS
HOSPITAL SANITIZER, DISINFECTANT AND DEODORANT

FEATURES, CLAIMS, AND USES
An excellent disinfectant, antimicrobial agent and two-way deodorizer for use on pre-cleaned, hard, nonporous surfaces...

VIKUCIDAL* - Kills Human Immunodeficiency virus Type 1 (HIV-1; a retrovirus that causes "AIDS" [Acquired Immune Deficiency Syndrome])...

BACTERICIDAL - Kills these species: Escherichia coli; Pseudomonas aeruginosa; Salmonella enterica; Salmonella schottmuelleri (paratyphoid B); Shigella dysenteriae; Streptococcus pyogenes; Staphylococcus aureus; and Methicillin-resistant Staphylococcus aureus (MRSA).

TUBERCULOCIDAL - Kills Mycobacterium tuberculosis (Tubercle bacilli).

FUNGICIDAL - Kills Trichophyton mentagrophytes ("athlete's foot" fungi; formerly known as T. interdigitale) in appropriate areas such as on shower room floors, locker room benches, and bath mats.

CONTROLS MOLD/MILDEW - Completely inhibits the growth of Aspergillus niger and Penicillium variable fungi on cloth.

SANITIZES - Controls Staphylococcus aureus and Klebsiella pneumoniae on porous fabric and leather surfaces, such as on shoes, athletic mats, athletic shoes and other athletic equipment.

DEODORIZES TWO WAYS - Pleasant fragrance quickly suppresses existing unpleasant odors from many sources. Controls microorganisms that could continue to create foul putrefactive odors.

FOR USE IN: Industrial, Institutional, Commercial, Medical, and Residential facilities, equipment, and vehicles, including hospitals; ambulances; nursing homes; medical and dental offices and clinics; veterinary offices and animal areas; schools; laboratories; hotels and motels; restaurants and cafeterias; food storage, processing, packaging, handling, and serving establishments and equipment; offices; stores; factories and manufacturing plants; and apartment buildings and homes.

FOR USE ON: Most glass, porcelain, ceramic, enameled, painted, plastic (such as ABS, acrylic, latex rubber, phenolic resin, polyamide, polycarbonate, polyester, polyethylene, polyolefin, polypropylene, polystyrene, polytetrafluorethylene, polyurethane, and vinyl), rubber, metal, sealed leather, wood, grout, and concrete, and similar nonporous surfaces.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on skin or clothing. Wear

long-sleeved shirt and long pants, protective eyewear (safety glasses), shoes and socks, and chemical resistant gloves (such as or made out of any water proof material). Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing.

FIRST AID

If in eyes:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
• Call a Poison Control Center or doctor for treatment advice.

If on skin or clothing:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a Poison Control Center or doctor for treatment advice.

HOT LINE NUMBER

In case of an emergency call toll free 1-800-222-1222. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

PHYSICAL/CHEMICAL HAZARDS: Flammable. Contents under pressure. Keep away from heat, sparks, pilot lights, and flames. Do not puncture or incinerate container. Exposure to temperatures above 130°F (54°C) may cause bursting.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

GENERAL: Shake container well before each use and hold it upright while spraying. For use on pre-cleaned, hard nonporous surfaces; not for use on humans or animals. Do not contaminate foods/drinks/feeds. Not recommended for use on waxed/polished surfaces, water-based "latex" paint, shellac, cellulose (such as rayon) or other alcohol-sensitive materials.

TO KILL HIV-1 (Human Immunodeficiency virus Type 1; AIDS virus) ON

PRECLEANED SURFACES/OBJECTS in health care or other settings with inanimate environmental surfaces/objects associated with the potential for transmission of HIV-1 and likely to be soiled with blood/body fluids, follow these additional SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS: PERSONAL PROTECTION - Barrier protection items such as disposable latex gloves, gowns, masks, and eye coverings should be worn when handling items soiled with blood/body fluids. CLEANING PROCEDURE - Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of this product as a disinfectant. CONTACT TIME - Same as for disinfecting. DISPOSAL OF INFECTIOUS MATERIALS - Blood/body fluids and other materials removed from or used to clean surfaces/objects should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

FOR DISINFECTING, MILDEW CONTROL, SANITIZING, AND DEODORIZING OF CLEAN, NON-FOOD CONTACT SURFACES: Hold container upright about 6 to 8" (15" m) from surface and spray until target area is thoroughly wetted. Let air dry. Complete disinfection and tuberculocidal activity require a contact time of 10 minutes at approximately 68°F (20°C). Sanitization requires a 5 minute contact time at about 72°F (22°C). For mildew control, repeat application when necessary.

TO DEODORIZE AND FRESHEN ROOM AIR: Spray upward toward center and corners of room, keeping spray opening at least 3 ft. (1m) from surfaces.

STORAGE AND DISPOSAL

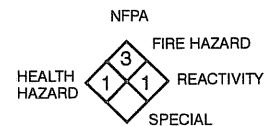
GENERAL: Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage, and disposal. If damaged or leaking, soak up and wrap any waste, then dispose of as below.

STORAGE: Keep in a cool, dry, locked area inaccessible to children and away from sources of heat and ignition (including flames, sparks, hot surfaces, and sunlight).

DISPOSAL: Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

INGREDIENTS (CAS#): Ethyl Alcohol (64-17-5), Water (7732-18-5), Propane/n-Butane (68476-86-8).

WARNING: This product contains a chemical(s) known to the State of California to cause cancer.



PACKAGING INFORMATION

12 - 20 oz cans per case, 16.5 oz net weight