

Material Safety Data Sheet
Phenomenal Disinfectant

QuestVapco Corporation
P.O. Box 624
Brenham, TX 77834
Emergency Phone Number: (800) 231-0454

DATE PREPARED: 9/24/2012
REVISION DATE: 12/12/12
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 3080

SECTION I - IDENTIFICATION

PRODUCT NAME: Phenomenal Disinfectant
PRODUCT CODE: 3080
PRODUCT USE: Cleaner

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Propane/N-Butane	68476-85-7	N/A	1000 ppm
2-Phenyl Phenol	90-43-7	N/A	N/A
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Extremely Flammable! Aerosol under pressure do not expose to high temperatures above 120° F or store in direct sunlight may develop pressure and cause can to burst. Keep away from heat, sparks or open flame.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes severe irritation, redness, tearing.

INGESTION: May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested.

INHALATION: Causes irritation to the respiratory tract.

SKIN: Brief contact is not irritating. May cause irritation with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY:
OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.

INGESTION: Induce vomiting under the direction of a physician. Seek immediate medical attention.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: Not Tested

FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER: N/A **LOWER:** N/A

EXTINGUISHING MEDIA: Carbon dioxide, standard chemical fire extinguisher, and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

Material Safety Data Sheet
Phenomenal Disinfectant

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable Contents under pressure. Exposure to temperatures above 120 F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Contains flammable propellant.

HAZARDOUS COMBUSTION PRODUCTS: None

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

WASTE 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.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND 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).

OTHER PRECAUTIONS: 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.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust should be adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

PROTECTIVE CLOTHING: Safety glasses are always recommended when using chemicals. Impervious gloves such as neoprene or solvex can be used.

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

ODOR: Citrus-Orange and alcohol scent

PHYSICAL STATE: Liquid

BOILING POINT: >170°F

FREEZING POINT: Not Tested

VAPOR PRESSURE (mm Hg): 44 @ 77°F (25°C)

VAPOR DENSITY (AIR=1): >1 @ 77°F (25°C)

EVAPORATION RATE: 1

SPECIFIC GRAVITY (H₂O=1): 0.88 @ 77° F (25° C)

pH: N/A

SOLIDS (%): N/A

SOLUBILITY IN WATER: 100 %

VOLATILITY INCLUDING WATER (%): N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

DIELECTRIC STRENGTH (Volts): N/A

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 120 F may cause bursting.

INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of Carbon

HAZARDOUS POLYMERIZATION: Will not occur

Material Safety Data Sheet
Phenomenal Disinfectant

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Ethyl Alcohol - 64-17-5 - Inhalation, mouse: LC50 = 39 gm/m³/4H; Inhalation, rat: LC50 = 20000 ppm/10H; Oral, mouse: LD50 = 3450 mg/kg; Oral, rabbit: LD50 = 6300 mg/kg; Oral, rat: LD50 = 7060 mg/kg; Oral, rat: LD50 = 9000 mg/kg;

Teratogenicity: Oral, Human - woman: TDLo = 41 gm/kg (female 41 week(s) after conception) Effects on Newborn - Apgar score (human only) and Effects on Newborn - other neonatal measures or effects and Effects on Newborn - drug dependence. **Reproductive Effects:** Intrauterine, Human - woman: TDLo = 200 mg/kg (female 5 day(s) pre-mating) Fertility - female fertility index (e.g. # females pregnant per # sperm positive females; # females pregnant per # females mated).

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Ethyl Alcohol - 64-17-5 - Fish: Rainbow trout: LC50 = 12900-15300 mg/L; 96 Hr; Flow-through @ 24-24.3°C Fish: Rainbow trout: LC50 = 11200 mg/L; 24 Hr; Fingerling (Unspecified) Bacteria: Phytobacterium phosphoreum: EC50 = 34900 mg/L; 5-30 min; Microtox test When spilled on land it is apt to volatilize, biodegrade, and leach into the ground water, but no data on the rates of these processes could be found. Its fate in ground water is unknown. When released into water it will volatilize and probably biodegrade. It would not be expected to adsorb to sediment or bioconcentrate in fish. **Environmental:** When released to the atmosphere it will photodegrade in hours (polluted urban atmosphere) to an estimated range of 4 to 6 days in less polluted areas. Rainout should be significant. to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE 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.
RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Deodorant, N.O.S.

HAZARD CLASS/DIVISION: ORM-D

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2

HAZARD CLASS/DIVISION: 2.1

NOTE:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Fire Hazard

SARA 311/312 HAZARD CATEGORIES: Ethyl Alcohol - 64-17-5 - acute, chronic, flammable.

SARA 313 REPORTABLE INGREDIENTS: Ethyl Alcohol - 64-17-5 - acute, chronic, flammable.

CLEAN WATER ACT: None

STATE REGULATIONS: CALIFORNIA PROPOSITION 65: 2-Phenyl Phenol

INTERNATIONAL REGULATIONS: Ethyl Alcohol - 64-17-5 - **WHMIS (Canada):** CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC). **DSCL (EEC):** R11- Highly flammable. S7- Keep container tightly closed. S16- Keep away from sources of ignition - No smoking.

Material Safety Data Sheet
Phenomenal Disinfectant

NFPA HEALTH: 1
NFPA FLAMMABILITY: 3
NFPA REACTIVITY: 1
NFPA OTHER: N/A

HMIS HEALTH: 1
HMIS FLAMMABILITY: 3
HMIS REACTIVITY: 1
HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: John Holdren

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this MSDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.