

**Material Safety Data Sheet**  
Phenomenal Citrus

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Emergency Phone Number: (800) 231-0454

**DATE PREPARED:** 05/07/13  
**REVISION DATE:** 05/07/13  
**CHEM-TEL:** 800-225-3924  
**PRODUCT NUMBER:** 3120

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Phenomenal Citrus  
**PRODUCT CODE:** 3120  
**PRODUCT USE:** Odor Eliminator

**SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Ethyl Alcohol	75-28-5	1000 ppm	1000 ppm
2-Phenylphenol	90-43-7	Not Established	Not Established

**SECTION III – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** Aerosol under pressure do not expose to temperatures greater than 120°F or store in direct sunlight.  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** Causes severe irritation, redness, tearing.  
**INGESTION:** Not a likely route of exposure under normal product handling conditions.  
**INHALATION:** Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation.  
**SKIN:** Contact with liquid can freeze tissue similar to thermal burn.  
**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.  
**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:** Do not induce vomiting. Seek 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:** May cause frostbite.  
**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.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** 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 known

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**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:** Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

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

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F may cause bursting.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Follow label directions exactly.

**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 and chemical resistant gloves are recommended.

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

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear, Colorless Liquid

**PHYSICAL STATE:** Liquid

**FREEZING POINT:** Not Tested

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

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.88 @ 77° F (25° C)

**SOLIDS (%):** < 1%

**VOLATILITY INCLUDING WATER (%):** 99.2%

**ODOR:** Citrus

**BOILING POINT:** >170°F

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

**EVAPORATION RATE:** 1

**pH:** 10.2

**SOLUBILITY IN WATER:** 100%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 69.2%

**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

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Ethyl Alcohol (64-17-5) LC<sub>50</sub> (Inhalation, Mouse, 4hr) 39 gm/m<sup>3</sup>; LC<sub>50</sub> (Inhalation, Rat, 10hr) 20,000 ppm; LD<sub>50</sub> (Oral, Mouse) 3450 mg/kg; LD<sub>50</sub> (Oral, Rabbit) 6300 mg/kg; LD<sub>50</sub> (Oral, Rabbit) 7060 mg/kg 2-Phenylphenol (90-43-7) LD<sub>50</sub> (Oral, Rat) 2000 mg/kg, (Oral, Mouse) 1050 mg/kg, (Oral, Cat) 500 mg/kg

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** Ethyl Alcohol (64-17-5) LC<sub>50</sub> (Fish, 96hr) 12,900-15,300 mg/L; LC<sub>50</sub> (Bacteria, 24hr) 11,200 mg/L; EC<sub>50</sub> (Bacteria, 5-30 min) 34,900 mg/L 2-Phenylphenol (90-43-7) LC<sub>50</sub> (Fathead Minnow, 96hr) 13.2 mg/L, LC<sub>50</sub> (Daphnia, 48hr) 15 mg/L

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

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

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S.

**HAZARD CLASS/DIVISION:** 2.1

**PACKAGING GROUP:**

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S. Aerosols, Ltd. Qty. Class 2

**HAZARD CLASS/DIVISION:** 2.1

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Cleaning Compound, N.O.S. 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). DSCG (EEC): R11- Highly flammable. S7- Keep container tightly closed. S16 - Keep away from sources of ignition - No smoking.

**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:** Tad Hebdon

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