

CITRACE® MATERIAL SAFETY DATA

1. Product Identity**CITRACE® HOSPITAL GERMICIDAL DEODORIZER**

ITEM NUMBERS: 49100 – 14 oz Spray Can

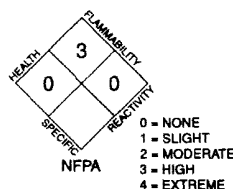
49105 – 5 oz Spray Can

Manufactured by: Caltech Industries, Inc.
2420 Schuette Drive, Midland, MI 48642**2. Ingredients**

(Typical Values – Not Specifications)

Active Ingredients	CAS NO.	%	OSHA PEL	ACGIH TLV
o-Phenylphenol	90-43-7	0.12	Not Est.	Not Est.
Alcohol (Ethanol)	64-17-5	66.6	1,000 ppm	1,000 ppm
Inert Ingredients	33.28	–	–	–

(Water, sodium nitrite, odor control reagent and hydrocarbon propellant)

3. Physical Data**BOILING POINT:** Approximately 78.1°C.**VAP PRESSURE:** 40 mmHg at 20°C.**VAP DENSITY:** (air=1): Less than 1.**APPEARANCE:** Concentrate - Clear pale yellow.**SOLUBILITY IN WATER:** Mostly soluble.**SPECIFIC GRAVITY:** .857 - .863 (25°/25°C).**% VOLATILE BY VOLUME:** 99.5.**pH:** 9.5.**ODOR:** Fresh citrus scent.**4. Fire & Explosion Hazard Data****NFPA HAZARD RATING:** 3**FLASH POINT:**¹**FLAMMABLE LIMITS:** LFL/UFL²**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, and dry chemical.**SPECIAL FIRE FIGHTING EQUIPMENT****& HAZARDS:** Aerosol package when exposed to extreme heat above 130°F could rupture releasing flammable ingredients.**5. Reactivity Data****NFPA HAZARD RATING:** 0**STABILITY:** Product will burn. Keep vapors away from possible ignition sources such as open flame.**INCOMPATIBILITY (Specific Materials To Avoid):** None known.**HAZARDOUS DECOMPOSITION****PRODUCTS:** None known.**HAZARDOUS POLYMERIZATION:** Will not occur.**6. Specific Hazards****NFPA HAZARD RATING:** No NFPA Specific Hazard warnings are required for this product.**7. Health Hazard Data****NFPA HAZARD RATING:** 0**EYE:** Essentially non-irritating.**SKIN CONTACT:** Essentially non-irritating.**SKIN ABSORPTION:** LD50 rabbits is greater than 4g/kg, low toxicity.**INGESTION:** Low single dose toxicity; LD50 rats is greater than 8g/kg.**INHALATION:** TLV 1,000 ppm ethanol.**SYSTEMIC & OTHER EFFECTS:** Drunkenness, nausea, vomiting.**CARCINOGENICITY:** Not listed as carcinogen by NTP, OSHA or IARC.**8. First Aid****EYES:** Irrigate with flowing water immediately and continuously for 5 minutes.**SKIN:** Wash off in flowing water or shower.**INGESTION:** Low toxicity. Induce vomiting if large amounts are ingested.**INHALATION:** Remove to fresh air if effects occur. Consult medical personnel.**NOTE TO PHYSICIAN:****EYE:** Injury is unlikely.**SKIN:** No effect expected. Not likely to be absorbed in acutely toxic amounts.**RESPIRATORY:** Probably would produce no more than mild illness with spontaneous recovery.**ORAL:** Low in toxicity.**SYSTEMIC:** May cause drunkenness. May cause nausea or vomiting. May cause liver damage. Consult standard literature.**9. Special Handling Information****VENTILATION:** Good room ventilation usually adequate for most operations.**RESPIRATORY PROTECTION:** No respiratory protection should be needed. Approved organic vapor-type respirator required in absence of proper environmental control.**PROTECTIVE CLOTHING:** No precautions other than clean body-covering clothing should be needed.**EYE PROTECTION:** Use safety glasses or equivalent protection to avoid eye contact.**10. Spill, Leak & Disposal Procedures****ACTION TO TAKE FOR SPILLS/LEAKS:**

Isolate damaged goods. Spills should be diluted with water, then soaked up with suitable absorbent material.

DISPOSAL METHOD: Landfill in accordance with local, state and federal regulations.**11. Special Precautions & Additional Information****PRECAUTIONS TO BE TAKEN IN****HANDLING AND STORAGE:** Do not puncture, incinerate, store in heat or sun as container may burst above 130°F. Avoid contact with food. Flammable. Do not use near fire, sparks, or flame. Do not spray in eyes. Contents under pressure.

STORE AS LEVEL 2 AEROSOL (NFPA 30B)

**CALTECH INDUSTRIES, INC.**Fast-Acting Surface
Disinfectants for
Point-of-Care2420 Schuette Drive
Midland, MI 48642
1-800-234-7700
Fax: 517-496-0212
www.caltechind.com

99CT1665

¹ 12" flame extension in CSMA flame extension test.² Ignition in 37.5 seconds in CSMA closed drum test.

Distributed by:

Distributor item number:

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E M E R G E N C Y P H O N E : (5 1 7) 4 9 6 - 3 1 1 0