

## \*SAFETY DATA SHEET\*

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** McKesson Pro Tech Disinfectant Spray Citrus Scent  
**MFR #:** 53-28584

**DISTRIBUTED BY:** McKesson Medical-Surgical Inc.  
9954 Mayland Drive, Suite 4000  
Richmond, Virginia 23233

**INFORMATION LINE:** 1-800-777-4908  
Monday – Friday 8:00 a.m. – 6:00 p.m. EST

**EMERGENCY PHONE:** 1-800-451-8346 (3E Company) Day or Night

**PRODUCT DESCRIPTION:** Alcohol based aerosol disinfectant.

### 2. HAZARDS IDENTIFICATION

**Appearance** Aerosol can

**Physical State** Liquid under pressure

**Odor** Citrus

#### Classification

Extremely flammable aerosol

Category 1

#### Signal Word

Danger

#### Hazard Statements

Extremely flammable aerosol



This product is a U.S. EPA Registered pesticide, EPA Reg. No. 211-32-80366, and is subject to specific labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide products.

#### Precautionary Statements - Prevention

This product is regulated by the US EPA as a disinfectant.

Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not smoke while using this product. Do not puncture or incinerate container. Exposure to temperature above 130°F may cause bursting,

#### Precautionary Statements - Response

Causes moderate eye irritation. Do not spray in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

#### Precautionary Statements - Storage

KEEP OUT OF REACH OF CHILDREN - Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place away from heat or open flame.

#### Precautionary Statements - Disposal

Do not reuse or refill this container. Offer for recycling, if available. If not, discard in trash.

#### Other Hazards

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS No  | Weight-% |
|----------------|---------|----------|
| Ethyl Alcohol  | 64-17-5 | 69.6     |
| O-phenylphenol | 90-43-7 | 0.21     |
| Isobutane      | 75-28-5 | <10      |
| Propane        | 74-98-6 | <10      |

### 4. FIRST-AID MEASURES

#### First Aid Measures

##### General Advice

Provide this SDS to medical personnel for treatment. Always get medical attention when product is inhaled or when symptoms are significant or persist.

##### Eye Contact

Hold eyes 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 eyes. Call a poison control center or doctor for treatment or further advice.

##### Skin Contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15– 20 minutes. Call a poison control center or doctor for further treatment advice.

##### Inhalation

Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.

#### Most important symptoms and effects

##### Symptoms

If in eyes: Burning sensation, watering, or redness.  
If on skin: Redness, irritation, or burning sensation with prolonged exposure.  
If spray mist is inhaled: Coughing, stupor, drowsiness or loss of consciousness with prolonged breathing of vapors.

#### Indication of any immediate medical attention and special treatment needed

##### Notes to Physician

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Alcohol resistant foam, water spray, carbon dioxide, or dry chemical.

**Unsuitable Extinguishing Media** Not determined.

#### Specific Hazards Arising from the Chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**Hazardous Combustion Products** May include and are not limited to carbon oxides.

**Sensitivity to Static Discharge** Not determined

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep exposed containers cool to prevent bursting.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Wear protective clothing as described in Section 8 of this safety datasheet. Keep unnecessary personnel away. Do not touch or walk through spilled material.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Absorb spill with an inert absorbent material.

**Methods for Clean-Up** Use clean non-sparking tools to collect absorbed material. Do not discharge into lakes, streams, ponds or public waters. Advise authorities if product has penetrated drains, sewers or water pipes.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Do not contaminate water, food, or feed. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Wash hands after handling and before eating. Read and observe all precautions and instructions on the label. Do not ingest. Contents under pressure. Do not puncture or incinerate container.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store in a cool, dry and well-ventilated place. Keep out of the reach of children. Do not store near ignition sources or at temperatures above 120°F.

**Incompatible Materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name            | ACGIH TLV      | OSHA PEL                                                                                                         | NIOSH IDLH                                                     |
|--------------------------|----------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Ethyl Alcohol<br>64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup> |
| Isobutane<br>75-28-5     | TWA: 1000 ppm  | Not established                                                                                                  | Not established                                                |
| Propane<br>74-98-6       | TWA: 1000 ppm  | TWA: 1000 ppm                                                                                                    | Not established                                                |

### Appropriate engineering controls

## Engineering Controls

Mechanical Ventilation (General): Normally Sufficient  
Local Exhaust: May be needed if used in a confined area.

## Individual protection measures, such as personal protective equipment

### Eye/Face Protection

USE Safety Glasses when spraying of the product into the eyes is possible.

### Skin and Body Protection

Gloves not normally required when used as directed. Avoid contact with the skin. Use employer guidelines or procedures when available.

### Respiratory Protection

General ventilation is normally adequate. Do not create or inhale mists or vapors. Use an approved vapor respirator in tight or close areas.

### General Hygiene Considerations

Wash hands after using. Do not get into eyes, on skin, or clothing. May be harmful if swallowed. Protect food and drink from contamination by product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                |             |                |                |
|----------------|-------------|----------------|----------------|
| Physical State | Gas         | Odor           | Citrus         |
| Appearance     | Misty spray | Odor Threshold | Not determined |
| Color          | Water clear |                |                |

| <u>Property</u>              | <u>Values</u> | <u>Remarks</u> |
|------------------------------|---------------|----------------|
| pH                           | Not available |                |
| Melting Point/Freezing Point | Not available |                |

|                              |                      |
|------------------------------|----------------------|
| Boiling Point/Boiling Range  | 100 °C / 212 °F      |
| Flash Point                  | 18.33 °C / 65 °F     |
| Evaporation Rate             | Not established      |
| Flammability (Solid, Gas)    | Not determined       |
| Upper Flammability Limits    | 19.0%                |
| Lower Flammability Limit     | 3.3%                 |
| Vapor Pressure               | Not established      |
| Density                      | Not established      |
| Specific Gravity             | @25°C .8175 to .8275 |
| Water Solubility             | Completely soluble   |
| Solubility in other solvents | Not determined       |
| Partition Coefficient        | Not determined       |
| Autoignition Temperature     | Not determined       |
| Decomposition Temperature    | Not determined       |
| Kinematic Viscosity          | Not determined       |
| Dynamic Viscosity            | Not determined       |
| Explosive Properties         | Not determined       |
| Oxidizing Properties         | Not determined       |
| Density                      | 6.815-6.899 lbs/gal  |

## 10. STABILITY AND REACTIVITY

### Reactivity

This product may react with strong oxidizing agents.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

## Conditions to Avoid

Heat, open flames, static discharge, sparks and other ignition sources. Aerosol containers are unstable at temperatures above 120°F.

## Incompatible Materials

Strong oxidizing agents.

## Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** May cause temporary irritation on eye contact.

**Skin Contact** Prolonged contact may cause redness and irritation.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Can be harmful if swallowed.

### Component Information

| Chemical Name             | Oral LD50            | Dermal LD50          | Inhalation LC50          |
|---------------------------|----------------------|----------------------|--------------------------|
| Ethyl Alcohol<br>64-17-5  | = 7060 mg/kg ( Rat ) | -                    | = 124.7 mg/L ( Rat ) 4 h |
| O-phenylphenol<br>90-43-7 | = 1049 mg/kg ( Rat ) | > 2000 mg/kg ( Rat ) | > 0.949 mg/L ( Rat ) 1 h |
| Isobutane<br>75-28-5      | -                    | -                    | = 658 mg/L (Rat) 4 h     |

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

| Chemical Name             | ACGIH | IARC    | NTP   | OSHA |
|---------------------------|-------|---------|-------|------|
| Ethyl Alcohol<br>64-17-5  | A3    | Group 1 | Known | X    |
| O-phenylphenol<br>90-43-7 |       | Group 3 |       |      |

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 3 IARC components are "not classifiable as human carcinogens"

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

## Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

### Component Information

| Chemical Name             | Algae/aquatic plants                            | Fish                                                                                                                                                                                                        | Toxicity to microorganisms                          | Crustacea                                                                                                                         |
|---------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Ethyl Alcohol<br>64-17-5  |                                                 | 12.0 - 16.0: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 static 100: 96 h<br>Pimephales promelas mg/L<br>LC50 static 13400 - 15100:<br>96 h Pimephales promelas<br>mg/L LC50 flow-through                      | EC50 = 34634 mg/L 30 min<br>EC50 = 35470 mg/L 5 min | 9268 - 14221: 48 h Daphnia<br>magna mg/L LC50 10800: 24<br>h Daphnia magna mg/L<br>EC50 2: 48 h Daphnia<br>magna mg/L EC50 Static |
| O-phenylphenol<br>90-43-7 | 0.85: 72 h Desmodesmus<br>subspicatus mg/L EC50 | 3.4: 96 h Pimephales<br>promelas mg/L LC50 flow-<br>through 2.74: 96 h Lepomis<br>macrochirus mg/L LC50<br>2.75: 96 h Oncorhynchus<br>mykiss mg/L LC50 5.8: 96 h<br>Poecilia reticulata mg/L<br>LC50 static | EC50 = 2.05 mg/L 5 min                              | 1 - 2.5: 48 h Daphnia magna<br>mg/L EC50 Static                                                                                   |

### Persistence/Degradability

Not determined

### Bioaccumulation

Not determined

### Mobility

| Chemical Name             | Partition Coefficient |
|---------------------------|-----------------------|
| Ethyl Alcohol<br>64-17-5  | -0.32                 |
| O-phenylphenol<br>90-43-7 | 3.18                  |

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### Disposal of Wastes

Not applicable

#### Contaminated Packaging

Dispose in accordance with all applicable regulations. Discard in trash or offer for recycling, if available.

## California Hazardous Waste Status

| Chemical Name            | California Hazardous Waste Status |
|--------------------------|-----------------------------------|
| Ethyl Alcohol<br>64-17-5 | Toxic<br>Ignitable                |

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

### DOT

UN/ID No UN1950  
 Proper Shipping Name Aerosols, flammable,  
 Hazard Class 2.1 Limited Quantity

### IMDG

UN/ID No UN1950  
 Proper Shipping Name Aerosols, flammable,  
 Hazard Class 2.1 Limited Quantity  
 Marine Pollutant This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations**
**SARA 313**

| Chemical Name            | CAS No  | Weight-%  | SARA 313 - Threshold Values % |
|--------------------------|---------|-----------|-------------------------------|
| O-phenylphenol - 90-43-7 | 90-43-7 | 0.23-0.29 | 1.0                           |

**US State Regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Registered with the US EPA, EPA Reg. No. 211-32-80366.

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical Name            | California Proposition 65   |
|--------------------------|-----------------------------|
| Ethyl Alcohol - 64-17-5  | Carcinogen<br>Developmental |
| O-phenylphenol - 90-43-7 | Carcinogen                  |

**U.S. State Right-to-Know Regulations**

| Chemical Name             | New Jersey | Massachusetts | Pennsylvania |
|---------------------------|------------|---------------|--------------|
| Ethyl Alcohol<br>64-17-5  | X          | X             | X            |
| O-phenylphenol<br>90-43-7 | X          | X             | X            |

**16. OTHER INFORMATION**
**NEPA**
**Health Hazards**

Not determined

**HMIS**
**Health Hazards**

2

**Flammability**

Not determined

**Flammability**

3

**Instability**

Not determined

**Physical Hazards**

0

**Special Hazards Not**

determined

**Personal Protection**

B- Safety Glasses,  
Gloves



**SDS DATE: 9/18/2015**

|                       |             |
|-----------------------|-------------|
| <b>Issue Date</b>     | 01-Oct-2004 |
| <b>Revision Date:</b> | 18-Sep-2015 |
| <b>Revision Note</b>  | New format  |

**DISCLAIMER:** This information relates onto to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use. Appropriate warnings and safe-handling procedures should be provided to handlers and users.