

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION:

Trade Name.....: SPS

Class.....: Disinfectant Spray

DOT/UN Hazard Classification: Aerosols, Flammable, 2.1, UN 1950, Ltd. Qty.

Distributor: The Dodge Company, Inc.
165 CambridgePark Drive
Cambridge, MA 02140-2388
(617) 661-0500

Hazard Rating: FIRE..... 4 4 = Extreme
HEALTH..... 2 3 = High
REACTIVITY..... 0 2 = Moderate
SPECIAL..... 0 1 = Slight
0 = No Hazard

II. HAZARDOUS INGREDIENTS:

| <u>Common Name</u> | <u>Chemical Family</u> | <u>CAS#</u> | <u>Wt %</u> | <u>Exposure Limit</u> |
|----------------------------|------------------------|-------------|-------------|---|
| Ortho Phenyl Phenol | Phenolate | 90-43-7 | 0.1-0.5 | Not Established |
| Para Tertiary Amylphenol | Phenolate | 80-46-6 | 0.0-0.1 | Not Established |
| Methanol or Methyl Alcohol | Alcohol | 67-56-1 | 2.5 | 200 ppm (OSHA TWA and ACGIH TLV-TWA)* 250 ppm (OSHA STEL and ACGIH TLV-STEEL)* *Includes Skin |
| Sodium Nitrite | Inorganic Salt | 7632-00-0 | 0.1-0.5 | Not Established |
| Liquefied Petroleum Gas | Hydrocarbon | 68476-85-7 | 25-30 | 1000 ppm (OSHA TWA and ACGIH TLV-TWA) |

III. PHYSICAL DATA:

Boiling Point (°F).....: N.A. Specific Gravity (H₂O=1).....: Less than 1.000
Vapor Pressure (psig).....: 125 at 130°F (54°C) Percent Volatile (by volume).....: 100
Vapor Density (Air=1).....: Greater than 1 Evaporation Rate (Ether).....: Less than 1
Solubility in Water.....: Partial pH.....: N.A.

Appearance and Odor: Wet misty spray with a floral odor.

IV. FIRE AND EXPLOSION HAZARD DATA:

Flammable Limits in Air: 1.8%-9.2%* Flash point: >73°F (>23°C)
*For propellant only.

Extinguishing Media: Carbon dioxide, foam, or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build-up. Use equipment or shielding, as required, to protect person from bursting, rupturing, or venting containers.

Unusual Fire and Explosion Hazards: Containers may vent or burst at temperatures above 130°F (54°C).

V. REACTIVITY DATA:

Stability: Stable. Hazardous Polymerization: N.A.

Conditions to Avoid: Do not store above 130°F (54°C). Keep away from heat, direct sunlight, open flames, or sparks. Dropping may cause bursting.

Incompatibility (materials to avoid): Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, and other toxic chemicals may be formed in small amounts.

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VI. HEALTH HAZARD DATA: Primary routes of entry: INHALATION.

Hazard Identification:

INHALATION: Irritating to respiratory tract.

SKIN: High concentrations may lead to drying, irritation, and dermatitis.

EYE CONTACT: May cause burning and irritation.

INGESTION: Not likely because in aerosol form. If large quantity is swallowed by deliberate action, nausea, vomiting, and diarrhea may occur.

Emergency and First Aid Procedures:

INHALATION: Remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Contact a physician.

SKIN: Remove contaminated clothing (launder before re-use). Flush skin with water, followed by washing with soap and water. If irritation occurs, contact a physician.

EYE CONTACT: Flush eyes with water for at least 15 minutes. If irritation persists, contact a physician.

INGESTION: Contact a physician.

VII. SAFE HANDLING AND USE:

Spill Procedures: Remove all sources of ignition and ventilate area. Soak up with an inert absorbent and placed in a chemical disposal container.

Waste Disposal: Do not puncture or incinerate containers. Dispose of all material in accordance with federal, state, and local regulations.

VIII. SPECIAL PROTECTION INFORMATION:

Respiratory Protection: None required if good ventilation is maintained.

Protective Gloves: None required.

Eye Protection: Safety glasses.

Ventilation: Local exhaust.

IX. SPECIAL PRECAUTIONS:

Handling and Storage: Avoid breathing of vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to sunlight or store at temperatures above 130°F (54°C). Store at Level 2 Aerosol (NFPA 30B). Please read and follow directions on label. They are your best guides to using this product in the most effective way, and give safety precautions to protect your health.

IN CASE OF EMERGENCY CALL DAY OR NIGHT:

CHEMTREC: 1-800-424-9300

DODGE CO: 1-800-443-6343

Revised: 2/17/09

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Inc.'s knowledge or obtained from sources believed by The Dodge Company to be accurate. The Dodge Company does not assume any responsibilities for use or reliance upon it. Customers are encouraged to conduct their own tests. Before using any product, read the label.