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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** Spray Nine®  
**Product Type:** Multi-Purpose Germicidal Cleaner  
**Item Number:** C26804

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Component                                    | Weight% | ACGIH; TLV-TWA | OSHA PEL                      |
|--|---------|----------------|-------------------------------|
| 2-BUTOXYETHANOL<br>111-76-2                  | 1-5     | 20 ppm         | 50 ppm; 240 mg/m <sup>3</sup> |
| ETHOXYLATED C9-C11<br>ALCOHOLS<br>68439-46-3 | 1-5     | NA             | NA                            |

### 3. HAZARDS IDENTIFICATION

**Effects of Acute Exposure:** Product may cause reversible eye and skin irritation.  
May irritate respiratory system upon frequent or prolonged use

**Primary Routes of Entry:** Eyes, Skin, Inhalation

**Signs and Symptoms of Exposure:** Overexposure may cause eye and skin redness. Irritating to mucous membranes. Ingestion may cause nausea and vomiting.

**Medical Conditions Recognized as Being Aggravated by Exposure:** None known. Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

**Chronic Health Hazard** None known

### 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Contact a physician if irritation persists.

**Skin Contact:** Flush with water. Wash off with soap and water. Remove contaminated clothing and launder before reuse. If skin irritation persists, call a physician.

**Ingestion:** If swallowed, DO NOT induce vomiting. Give victim water, call a physician immediately. Never give anything by mouth to an unconscious person

**Inhalation:** Move to fresh air. If symptoms persist, call a physician.

**Notes to Physician:** Treat symptomatically

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** 182°F/83°C TCC

**Recommended Extinguishing Media:** Carbon dioxide, Dry chemical, Foam

**Special Fire-Fighting Procedures:** Wear suitable protective equipment. Use water spray to cool exposed containers.

**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen

**Unusual Fire/Explosion Hazards:** Does not sustain combustion (ASTM D4206).

**Sensitivity to Static Discharge:** Sensitivity to static discharge is not expected

**Mechanical Sensitivity:** None reasonably foreseeable

**Product Name:** Spray Nine®

## 5. FIRE FIGHTING MEASURES

**Lower Explosive Limit:** Not determined  
**Upper Explosive Limit:** Not determined

## 6. ACCIDENTAL RELEASE MEASURES

Prevent from entering waterways or sewers. Contact the proper local authorities. Clean up spills thoroughly as residue is slippery.

## 7. HANDLING AND STORAGE

Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Store below 100°F. Do not freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses  
**Skin:** Chemical resistant gloves  
**Ventilation:** Use only in well ventilated area.  
**Respiratory Protection:** Not required under normal use

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                               |   |                             |                        |
|-------------------------------|---|-----------------------------|------------------------|
| <b>Appearance:</b>            | Clear, colorless to slightly colored solution | <b>Odor:</b>                | Mild.                  |
| <b>Boiling Point:</b>         | ~212°F/~100°C                                 | <b>Freezing Point:</b>      | ~32°F/ ~0°C            |
| <b>pH:</b>                    | ~12.6   | <b>Solubility in Water:</b> | Completely soluble     |
| <b>Specific Gravity:</b>      | ~1.022 g/ml                                   | <b>Vapor Pressure:</b>      | ~18 mm Hg              |
| <b>Vapor Density (Air=1):</b> | >1  | <b>% Volatile:</b>          | ~95                    |
| <b>VOC(Wt.%):</b>             | <4%   | <b>Evaporation Rate:</b>    | <1 (butyl acetate = 1) |

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable  
**Hazardous Polymerization:** Will not occur.  
**Incompatibilities:** Strong oxidizers  
**Conditions to Avoid:** Avoid temperatures greater than 100°F. Freezing conditions.  
**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen

## 11. TOXICOLOGICAL INFORMATION

### Product Toxicity

|  |   |   |   |
|--|---|---|---|
| <b>Eyes:</b><br>Draize Test: 27.3 out of 110 | <b>Skin:</b><br>Draize Test 2.5 out of 10<br>LD50: >5,000 mg/kg (Rat) | <b>Inhalation LC50:</b><br>>200 g/L (Rat) | <b>Oral LD50:</b><br>>5,000 mg/kg (Rat) |
|--|---|---|---|

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

### Ground Transport (DOT)

|                           |               |
|---------------------------|---------------|
| <b>DOT Shipping Name:</b> | Not regulated |
| <b>Hazard Class:</b>      | None          |
| <b>UN/ID Number:</b>      | None          |

### TDG(Transport of Dangerous Goods) Canada

|                              |               |
|------------------------------|---------------|
| <b>Proper Shipping Name:</b> | Not regulated |
| <b>Hazard Class:</b>         | None          |
| <b>UN/ID No:</b>             | None          |

## 15. REGULATORY INFORMATION

**SARA 302 Extremely Hazardous Substances:** None  
**SARA 313 Toxic Chemicals:** 2-butoxyethanol (Glycol ethers)

**Product Name:** Spray Nine®

## 15. REGULATORY INFORMATION

**SARA (311, 312) Hazard Class:** Acute health hazard

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

**California Proposition 65:** No California Prop 65 chemicals are known to be present.

**WHMIS Hazard Class:** Exempt

## 16. OTHER INFORMATION

### Estimated HMIS Classification:

HEALTH 1, FLAMMABILITY 0, PHYSICAL HAZARD 0, PERSONAL PROTECTION B  
HMIS is a registered trademark of the National Paint and Coatings Assn.

### Estimated NFPA Rating:

HEALTH 1, FLAMMABILITY 0, REACTIVITY 0  
NFPA is a registered trademark of the National Fire Protection Assn.

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