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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** Spray Nine  
**Item No:** 26832  
**Product Type:** Multi-Purpose Cleaner

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
2-BUTOXYETHANOL 111-76-2	1-4	20 ppm	50 ppm; 240 mg/m <sup>3</sup>
ETHOXYLATED C9-C11 ALCOHOLS 68439-46-3	1-3	Not listed	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** Product may cause reversible eye and skin irritation.. May irritate respiratory system upon frequent or prolonged use. Oral LD50 greater than 5000 mg/kg.  
**Primary Routes of Entry:** Eye and skin contact, inhalation  
**Signs and Symptoms of Exposure:** Overexposure may cause eye and skin redness. May cause inflammation of mucous membranes and irritation. Ingestion may cause nausea and vomiting.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
2-BUTOXYETHANOL 111-76-2	1-4	male rat-no evidence; female rat-equivocal evidence; male mice- some evidence; female mice-some evidence	A3	Group 3; Monograph 88, 2006

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

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If irritation persists or signs of toxicity occur, seek medical attention.  
**Skin Contact:** Wash with soap and water. Seek medical attention if irritation persists.  
**Eye Contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

### 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).  
**Lower Explosive Limit:** Not determined  
**Upper Explosive Limit:** Not determined

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Wear appropriate protective and respiratory equipment. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Clean up spills thoroughly as residue is slippery.

## 7. HANDLING AND STORAGE

**Storage:** Keep containers tightly closed in a cool, well-ventilated place. Store below 100 degrees F. Do not allow freezing.

**Handling:** Avoid contact with skin and eyes. Product may cause surfaces to become slippery.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses.

**Skin:** Wear chemical resistant gloves if repeated skin contact occurs or causes irritation.

**Ventilation:** General ventilation is usually adequate.

**Respiratory Protection:** Not required under normal use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid

**Odor:** Mild

**Boiling Point:** ~212°F (100°C)

**pH:** ~12.6

**Solubility in Water:** SOLUBLE

**Specific Gravity:** ~1.022 g/ml

**VOC(Wt.%):** <4%

**Vapor Pressure:** Not Determined

**Vapor Density (Air=1):** >1

**Evaporation Rate:** <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

Oral LD50 (rat) >5,000 mg/kg

Dermal LD50 (rabbit) >5,000 mg/kg

Inhalation LD50 (rat) >200 g/l

Eye irritation: Draize = 27.3 of 110 (reversible in 10 days)

Skin irritation: Draize 2.5 of 10 (reversible in 14 days)

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.

**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## 14. TRANSPORTATION INFORMATION

**DOT (49CFR 172)**

**Ground Transport (DOT)**

**DOT Shipping Name:** Unrestricted

**Hazard Class:** None

**UN/ID Number:** None

**IATA**

**Proper Shipping Name:** Unrestricted

**Class or Division:** None

## 14. TRANSPORTATION INFORMATION

**UN/ID Number:** None

### IMDG

**Proper Shipping:** Unrestricted

**Hazard Class:** None

**UN Number:** None

**Marine Pollutant:** None

## 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

2-BUTOXYETHANOL

### CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present.

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

## 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 1, REACTIVITY 0.

**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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