

**SPARTAN CHEMICAL COMPANY, INC.  
WHMIS MATERIAL SAFETY DATA SHEET**

**SECTION I: PRODUCT INFORMATION**

**PRODUCT IDENTIFIER**

**NABC NON-ACID DISINFECTANT BATHROOM CLEANER**

**PRODUCT USE:** Cleaner Disinfectant

**MANUFACTURER'S NAME & ADDRESS**  
Spartan Chemical Company, Inc.  
1110 Spartan Drive, Maumee, OH 43537 USA

**MEDICAL EMERGENCY TELEPHONE**  
888/314-6171 (24 Hours)  
**PRODUCT INFORMATION**  
800/537-8990

**SECTION II: HAZARDOUS INGREDIENTS**

| CAS<br>REGISTRY<br>NO. | % W   | CHEMICAL NAME(S)                      | TLV                      |                           |                              | LD50          | LC50          |
|------------------------|-------|---------------------------------------|--------------------------|---------------------------|------------------------------|---------------|---------------|
|                        |       |                                       | TWA<br>mg/m <sup>3</sup> | STEL<br>mg/m <sup>3</sup> | Ceiling<br>mg/m <sup>3</sup> |               |               |
| 68439-46-3             | 1-5   | Alcohol ethoxylate                    | ----                     | Not Established           | ----                         | Not available | Not available |
| 68424-95-3             | < 1.0 | Dialkyl dimethyl<br>ammonium chloride | ----                     | Not Established           | ----                         | Not available | Not available |
| 68424-85-1             | < 1.0 | Benzalkonium chloride                 | ----                     | Not Established           | ----                         | Not available | Not available |

**SECTION III: PHYSICAL DATA**

|   |  |   |
|---|--|---|
| <b>BOILING POINT</b><br>99 °C (210°F)                         | <b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</b><br>0.995        | <b>PERCENT SOLID BY WEIGHT</b><br>1-5                     |
| <b>VAPOUR PRESSURE</b><br>Not established                     | <b>EVAPORATION RATE (butyl acetate = 1)</b><br>< 1           | <b>FREEZING POINT</b><br>Not available                    |
| <b>VAPOUR DENSITY (AIR = 1)</b><br>Not established            | <b>SOLUBILITY IN WATER</b><br>Complete                       | <b>ODOUR THRESHOLD</b><br>Not available                   |
| <b>pH</b><br>6.0 -7.0   | <b>APPEARANCE AND ODOUR</b><br>Blue liquid, floral fragrance | <b>PHYSICAL STATE</b><br>GAS__ LIQUID <u>X</u> SOLID_____ |
| <b>COEFFICIENT OF WATER/OIL DISTRIBUTION</b><br>Not available |  |   |

**SECTION IV: FIRE & EXPLOSION DATA**

|  |                                   |  |
|--|-----------------------------------|--|
| <b>FLASH POINT</b><br>>99 °C (210°F)   | <b>METHOD USED</b><br>ASTM - D56  | <b>FLAMMABLE LIMITS</b><br>Not established         |
| <b>EXTINGUISHING MEDIA</b><br>Product does not support combustion. Not applicable  | <b>CONDITIONS OF FLAMMABILITY</b> | <b>AUTO-IGNITION TEMPERATURE</b><br>Not applicable |
| <b>HAZARDOUS COMBUSTION PRODUCTS</b><br>Not established  |                                   | <b>EXPLOSION DATA</b><br>Not applicable            |
| <b>SPECIAL FIRE FIGHTING PROCEDURES</b><br>Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking. |                                   |  |
| <b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b><br>Combustion products are toxic.  |                                   |  |

## SECTION V: REACTIVITY DATA

**STABILITY:** STABLE X      **CONDITIONS OF INSTABILITY**      **CONDITIONS OF REACTIVITY**  
Not established      Not established

**INCOMPATIBILITY (MATERIALS TO AVOID)** Strong oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS** Carbon dioxide, carbon monoxide

## SECTION VI: TOXICOLOGICAL PROPERTIES

**PRIMARY ROUTES OF ENTRY:** Eye Contact, Skin Contact, Ingestion, Inhalation

### EXPOSURE LIMIT

Not established for mixture.

### EFFECTS OF ACUTE EXPOSURE:

**EYE CONTACT:** Causes moderate eye irritation with symptoms such as pain, redness and swelling.

**INGESTION:** May be harmful if swallowed. Symptoms may include nausea, diarrhea, and intestinal upset.

**SKIN CONTACT:** Causes skin irritation with symptoms such as pain, redness and swelling. Harmful if absorbed through the skin.

**INHALATION:** Breathing product mist may cause respiratory irritation.

### EFFECTS OF CHRONIC EXPOSURE

None known

### IRRITANCY OF PRODUCT

Causes skin and eye irritation

### SENSITIZATION TO PRODUCT

Not available

### CARCINOGENICITY

No

### REPRODUCTIVE TOXICITY

Not available

### TERATOGENICITY

Not available

### MUTAGENICITY

Not available

### SYNERGISTIC PRODUCTS

Not available

## SECTION VII: PREVENTIVE MEASURE

### PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS:

Wear rubber or other impervious gloves and splash goggles. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. If exposure limits (see Section II) can not be maintained by ventilation, use of a NIOSH approved respirator suitable for the conditions of use and chemicals in Section II should be considered.

**LEAK AND SPILL PROCEDURE:** Small quantities of 4 litres or less may be flushed into sanitary sewer. Larger quantities should be picked up with inert absorbent material and disposed on in accordance with applicable regulations.

**WASTE DISPOSAL METHOD:** Assure conformance with applicable regulations...

**HANDLING PROCEDURES:** Avoid contact with eyes, skin and clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly after handling.

**STORAGE REQUIREMENTS:** Keep container closed when not in use. Do not freeze. Do not store above 49°C (120°F). Keep out of reach of children.

**SPECIAL SHIPPING INFORMATION:** Not controlled under TDG

## SECTION VIII: FIRST AID MEASURES

**EYES:** Hold eye 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 eye. Call a poison control center or doctor for treatment advice.

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

**INGESTION:** Do not induce vomiting. Drink one or two glasses of water to dilute product. Call a poison control center or doctor for treatment advice. Do not give anything by mouth to an unconscious person.

**INHALATION:** In case of respiratory irritation or dizziness, move person to fresh air. Get medical attention if irritation persists.

## SECTION IX: PREPARATION INFORMATION

### NABC NON-ACID DISINFECTANT BATHROOM CLEANER

**DATE OF PREPARATION:** March 20, 2014

**SUPERCEDES:** February 10, 2011

**PREPARED BY** Ronald T. Cook / Manager, Regulatory Affairs / Spartan Chemical Company, Inc.

**TELEPHONE NUMBER** 800/537-8990