



## Spartan Chemical Company, Inc. Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**RJ8**

Product Number: 7110; 7111

Product Division:

**Janitorial**

Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990

Medical Emergency: 1-(888)-314-6171 (24 hours)

Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Quarts, Gallons: ORM-D, Consumer Commodity.  
Pails & Drums: Corrosive liquids, n.o.s., 8, UN 1760, III, (contains sodium hypochlorite, sodium hydroxide)

| NFPA Ratings:  | HMIS Ratings:  |
|--|--|
| Health: 2 - Moderate<br>Fire: 0 - Minimal<br>Reactivity: 0 - Minimal | Health: 2 - Moderate<br>Fire: 0 - Minimal<br>Reactivity: 0 - Minimal<br>Pers. Prot. Equip.: See Section VIII |

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

| Chemical Name(s)    | %Wt | CAS Registry No. | Table Z-1-A           |                        |                           | NTP, IARC or OSHA Carcinogen |
|---------------------|-----|------------------|-----------------------|------------------------|---------------------------|------------------------------|
|                     |     |                  | TWA mg/m <sup>3</sup> | STEL mg/m <sup>3</sup> | CEILING mg/m <sup>3</sup> |                              |
| Sodium hypochlorite | 1-5 | 7681-52-9        | Not Established       | Not Established        | Not Established           | No                           |
| Sodium hydroxide    | < 1 | 1310-73-2        | 2                     | Not Established        | Not Established           | No                           |

### SECTION III: PHYSICAL DATA

|  |  |
|--|--|
| Boiling Point: 210 °F  | Vapor Pressure: Unknown                      |
| Vapor Density (AIR = 1): Unknown                             | Solubility in Water: Complete                |
| pH: 13.0-13.2  | Specific Gravity (H <sub>2</sub> O=1): 1.042 |
| Evaporation Rate (but.ace.=1): <1                            | Percent Solid by Weight: 7-8                 |
| Physical State: Liquid                                       |  |
| Appearance & Odor: Clear yellow liquid, clean mint fragrance |  |

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

|  |                       |
|--|-----------------------|
| Flash Point: None to 210°F   | Method Used: ASTM-D56 |
| Flammable Limits: Not Established  | Flame Extension: N/A  |
| Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.  |                       |
| Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray. |                       |
| Unusual Fire & Explosive Hazards: Combustion products are toxic.   |                       |

**SECTION V: HEALTH HAZARD DATA**

|  |   |   |  |
|--|---|---|--|
| SECTION V: HEALTH HAZARD DATA                    |   | Primary Routes of Entry: Inhalation, Skin Contact, Eyes; Oral |  |
| Threshold Limit Value:                           | Not Established   |   |  |
| Effects of Overexposure-<br>Conditions to Avoid: | <b>Causes eye damage or irritation:</b> Symptoms include chemical burns, pain, redness, tissue destruction and possible permanent corneal damage.<br><b>Causes skin irritation or damage:</b> Symptoms may include pain, redness and tissue destruction. Repeated contact may cause dermatitis.<br><b>Harmful if swallowed:</b> May cause damage to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. Aspiration of product into the lungs may occur during ingestion or vomiting, resulting in lung injury.<br><b>Breathing product mist may cause irritation of the respiratory tract:</b> Symptoms may include nasal discomfort and discharge with chest pain and coughing.<br><b>DO NOT GET IN EYES, ON SKIN OR CLOTHING. AVOID BREATHING PRODUCT MIST. DO NOT SWALLOW. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. NOT RECOMMENDED FOR USE BY PERSONS WITH HEART CONDITIONS OR CHRONIC RESPIRATORY PROBLEMS SUCH AS ASTHMA, EMPHYSEMA OR OBSTRUCTIVE LUNG DISEASE.</b> |   |  |
| Conditions Aggravated by Use:                    | Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and fibrotic pulmonary disease.  |   |  |
| <b>Emergency &amp; First Aid Procedures :</b>    |   |   |  |
| Eyes:  | Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.  |   |  |
| Skin:  | Remove contaminated clothing.. Flush skin with water for at least 15 minutes. Get medical attention. Wash contaminated clothing before reuse.   |   |  |
| Ingestion:                                       | Get immediate medical attention. Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person.   |   |  |
| Inhalation:                                      | In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.  |   |  |

**SECTION VI: REACTIVITY DATA**

|                                   |                             |                           |                                       |
|-----------------------------------|-----------------------------|---------------------------|---------------------------------------|
| Stability:                        | Stable                      | Incompatible Materials:   | Acids; ammonia; oxidizable materials. |
| Hazardous Decomposition Products: | Hypochlorous acid, chlorine | Hazardous Polymerization: | Will Not Occur                        |

**SECTION VII: SPILL OR LEAK PROCEDURES**

|   |  |
|---|--|
| Steps to be Taken in Case<br>Material is Released or Spilled: | Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for recovery or disposal. Keep spill out of sewers, streams or other bodies of water. |
| Waste Disposal Method:  | Dispose of in compliance with all Federal, state and local laws and regulations.   |

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

|                                  |  |
|----------------------------------|--|
| Respiratory Protection:          | None required under most use-conditions. However if exposure limits are exceeded (see Section II) or if respiratory irritation occurs, the use of a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered. |
| Ventilation:                     | Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.  |
| Protective Gloves(Specify Type): | Rubber or alkali resistant water proof gloves  |
| Eye Protection(Specify Type):    | Splash Goggles are recommended to prevent eye contact.   |
| Other Protective Equipment:      | Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138 for further guidance.   |

**SECTION IX: SPECIAL PRECAUTIONS**

|                                  |                                |
|----------------------------------|--------------------------------|
| Precautions; Handling & Storing: | Store in a cool, dry area.     |
| Other Precautions:               | Keep out of reach of children. |

|                              |                 |                              |             |                             |
|------------------------------|-----------------|------------------------------|-------------|-----------------------------|
| © SCC 03/28/2012             | Name:           | Ronald T. Cook               | Title:      | Manager, Regulatory Affairs |
| RJ8                          | Effective Date: | 03/28/2012                   | Supercedes: | 06/01/2010                  |
| Ref: 29 CFR 1910.1200 (OSHA) | Changes:        | Correct Shipping Description |             |                             |

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