



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/Spil Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Quarts, Gallons & Five Gallon Pails: ORM-D, consumer commodity, cleaning compounds, liquid, n.o.s.
55 Gallon Drums: Corrosive liquids, n.o.s., 8, UN 1760, III, (contains sodium hypochlorite, sodium hydroxide), RQ

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal 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 ³	STEL mg/m ³	CEILING mg/m ³	
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 ₂ 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

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes; Oral
Effects of Overexposure- Conditions to Avoid:	<p>Causes eye damage or irritation: Symptoms include chemical burns, pain, redness, tissue destruction and possible permanent corneal damage.</p> <p>Causes skin irritation or damage: Symptoms may include pain, redness and tissue destruction. Repeated contact may cause dermatitis.</p> <p>Harmful if swallowed: 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.</p> <p>Breathing product mist may cause irritation of the respiratory tract: Symptoms may include nasal discomfort and discharge with chest pain and coughing.</p> <p>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.</p>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and fibrotic pulmonary disease.		

Emergency & First Aid Procedures:

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 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.

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RJ8

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

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Changes: Update Sections I, II, IV, V, VII, VIII & IX

Title: Manager, Regulatory Affairs

Supercedes: 11/15/99

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