Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
SPARCLEAN DELIMER [55]
Product Number: 7655

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: Corrosive liquids, n.o.s., 8, UN1760, II, (contains hydrochloric (muriatic) acid)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious	**Health:** 3 - Serious
Fire: 0 - Minimal	**Fire:** 0 - Minimal
Reactivity: 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 TWA mg/m^3	STEL mg/m^3	CEILING mg/m^3	NTP, IARC or OSHA Carcinogen
Citric Acid	15-20	77-92-9	Not Established	Not Established	Not Established	No
*Hydrochloric acid	1-5	7647-01-0	Not Established	Not Established	7 (3 ACGIH)	No

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point:	200-210 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	1.0-2.0	Specific Gravity (H_2O=1):	1.09 @ 75 F
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	15-20
Physical State:	Liquid		
Appearance & Odor:	Clear liquid		

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	>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:	CORROSIVE: **Causes eye burns:** Causes severe eye damage or irritation with symptoms of pain, redness and chemical burns. Eye contact may cause blindness. **Causes skin burns:** Causes severe skin damage or irritation with symptoms of pain, redness and chemical burns. **Harmful if swallowed:** Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. **Harmful if inhaled:** Breathing product vapor or mist may cause irritation or damage of the respiratory tract, with symptoms of nasal discomfort and coughing. **This product contains citric and hydrochloric acid. Do not use or mix with other cleaning products, particularly those containing hypochlorites (bleach). To do so may release hazardous gases. Do not get in eyes, on skin or on clothing. Do not breathe product vapors or mist. Do not swallow. Use with adequate ventilation. Wash thoroughly after handling.**
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.
Emergency & First Aid Procedures:	
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Remove contaminated clothing. Flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. Get medial attention if irritation persists.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Strong alkalis; hypochlorites (chlorine bleach); aluminum and other reactive metals.
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide	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 disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Dispose of in compliance with all federal, state and local laws and regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not required with expected use. However if respiratory irritation occurs, the use of a NIOSH approved respirator suitable for the use-conditions and chemicals 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 other impervious gloves are recommended when handling product.
Eye Protection(Specify Type):	Splash goggles are recommended when handling product.
Other Protective Equipment:	Eye wash stations and washing facilities should be readily accessible in areas where product is handled. For further guidance see 29 CFR 1910.132-138.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep out of reach of children.
Other Precautions:	Do not mix with other chemicals.

© SCC 06/08/2012

SPARCLEAN DELIMER [55]
Ref: 29 CFR 1910.1200 (OSHA)

Name:	Ronald T. Cook	Title:	Manager, Regulatory Affairs
Effective Date:	06/08/2012	Supercedes:	09/01/2009
Changes:	General Review		

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.