



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**NAD-75**  
 Product Number: 0075

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: Corrosive liquids, n.o.s., 8, UN 1760, II, (contains ethanolamine)

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 3 - Serious <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> 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 metasilicate	1-5	6834-92-0	Not Established	Not Established	Not Established	No
Monoethanolamine	1-5	141-43-5	7.5	15	Not Established	No
Sodium hydroxide	1-5	1310-73-2	2	Not Established	Not Established	No
Sodium xylene sulfonate	1-5	1300-72-7	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 12.9-13.4	Specific Gravity (H <sub>2</sub> O=1): 1.06
Evaporation Rate (but. ace.=1): <1	Percent Solid by Weight: 9-11
Physical State: Liquid	
Appearance & Odor: Red liquid, sweet odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-D56
Flammable Limits: N/A	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:	<b>Causes severe eye irritation:</b> Symptoms may include pain, redness, swelling of the conjunctiva and possible permanent corneal damage. <b>Causes severe skin irritation:</b> Symptoms may include pain, redness and chemical burns. Harmful contact may not cause immediate pain. <b>Harmful if swallowed:</b> Symptoms may include pain, nausea, vomiting and diarrhea. <b>Breathing product vapors or mist may cause respiratory irritation:</b> Symptoms may include nasal discomfort and coughing. Contains monoethanolamine which may cause liver and kidney damage with repeated exposure. <b>Do not get in eyes, on skin or on clothing. Do not breathe product vapors or mist. Do not swallow.</b> <b>Use with adequate ventilation. Wash thoroughly after handling.</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures:</b>			
Eyes:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Remove contaminated clothing and shoes. Flush skin with water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. Destroy contaminated shoes.		
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 medical attention if irritation persists.		

**SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong acids
Hazardous Decomposition Products:	None known	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 normally required when good general ventilation is provided. 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 other impervious gloves.
Eye Protection(Specify Type):	Splash goggles are recommended to prevent eye contact.
Other Protective Equipment:	Use of other protective equipment should be considered in order to prevent or minimize contact with this product. Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Keep container tightly closed. Store in a cool, dry area. Do not freeze. Do not store above 130°F. Do not mix with other chemicals.
Other Precautions:	Keep out of reach of children.

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