



Spartan Chemical Company, Inc.

Material Safety Data Sheet

▼ SECTION I: PRODUCT INFORMATION

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

HDQ NEUTRAL

Product Number: 1202; 1201

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

Product Division:

JanitorialProduct/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:		Cleaning compounds, liquid, n.o.s.	
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)	% W	CAS Registry No.	Table Z- 1 - A			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Didecyl dimethyl ammonium chloride	01-05	7173-51-5	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium chloride	01-05	8001-54-5	Not Established	Not Established	Not Established	No
Octyl dimethyl amine oxide	01-05	2605-78-9	Not Established	Not Established	Not Established	No
Tetrasodium ethylene diaminetetraacetate	01-05	64-02-8	Not Established	Not Established	Not Established	No
Ethanol	01-05	64-17-5	1900	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:	7.2-8.2	Specific Gravity (H ₂ O=1):	1.00
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	10-12
Physical State:	Liquid		
Appearance & Odor:	Non-viscous red liquid, mild citrus fragrance		

▼ SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	> 200 °F	Method Used:	ASTM-D56
Flammable Limits:	N/A	Flame Extension:	N/A
Extinguishing Media:	N/A		
Special Fire Fighting Procedures:	Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.		
Unusual Fire & Explosive Hazards:	Products of combustion 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>CORROSIVE: HARMFUL TO EYES: Causes severe eye damage or irritation with symptoms of pain, redness, swelling of the conjunctiva and possible irreversible eye damage. HARMFUL TO SKIN: Causes severe skin damage or irritation with symptoms of pain, redness and chemical burns. HARMFUL IF SWALLOWED: Ingestion can produce immediate pain in the mouth, throat and abdomen; severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breath; circulatory shock and/or convulsions. HARMFUL IF INHALED: Inhalation of product mist may cause respiratory irritation. Do not get in eyes on skin or clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly after handling.</p>		
Conditions Aggravated by Use:	Preexisting skin; eye or respiratory disorders.		

Emergency & First Aid Procedures:

Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after the first 5 minutes then continue rinsing eye. Get immediate medical attention.
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention. Wash contaminated clothing before reuse.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock; respiratory depression and convulsion may be needed.
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:	Strong oxidizers
Hazardous Decomposition Products:	CO, CO ₂	Hazardous Polymerization:	Will Not Occur

▼ **SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Dike and contain spill with inert material (sand , earth, etc.) and transfer the liquid and solid separately to containers for recovery and disposal. Keep spill out of sewers and open bodies of water.
Waste Disposal Method:	Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

▼ **SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	If exposure limits (see Section II) are exceeded or if respiratory irritation occurs, a NIOSH approved respirator suitable for the use conditions and chemicals listed in Section II should be worn.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or neoprene gloves are recommended to minimize skin contact.
Eye Protection(Specify Type):	Splash goggles and/or face shield
Other Protective Equipment:	Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138

▼ **SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Keep from freezing. Store at temperatures below 140 F. Keep containers closed until used. Do not contaminate drinking water; food or feed by storage or disposal. Keep out of reach of children.
Other Precautions:	California Proposition 65 Warning: This product contains the following chemicals known to the State of California to cause cancer or birth defects or other reproductive harm: Acetaldehyde; CAS No. 75-07-0 (Trace); Benzene; CAS No. 71-43-2 (Trace); Benzyl chloride; CAS No. 100-44-7 (Trace); N-Nitrosodimethylamine; CAS No. 62-75-9 (Trace); Propylene oxide; CAS No. 75-56-9 (Trace); Toluene; CAS No. 108-88-3 (Trace).

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HDQ NEUTRAL

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Effective 03/15/2002
Date:

Title: Manager, Regulatory Affairs
Supercedes: 11/05/99

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(OSHA)

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

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