



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

CA-12

Product Number: 2879; 2880

Product Division:

IPG

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: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate Fire: 1 - Slight Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 1 - Slight Reactivity: 0 - Minimal Pers. Prot. Equip.: B - Safety Glasses; gloves

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			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Hexahydro-1,3,5-tris-(2-hydroxyethyl)-s-triazine	78.5 -	4719-04-4 -	Not Established -	Not Established -	Not Established -	No -

SECTION III: PHYSICAL DATA

Boiling Point: >100 °F	Vapor Pressure: 3 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Miscible
pH: 10.0-10.5	Specific Gravity (H ₂ O=1): 1.16
Evaporation Rate (but. ace.=1): Unknown	Percent Solid by Weight: 78.5
Physical State: Liquid	
Appearance & Odor: White to pale yellow mobile liquid, mild amine odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 266°F	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Water, foam, dry chemical, CO ₂	
Special Fire Fighting Procedures: N/A	
Unusual Fire & Explosive Hazards: N/A	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Skin Contact, Eyes
Effects of Overexposure- Conditions to Avoid: Toxic by ingestion; irritating to eyes and skin. May cause allergic sensitization. Oral LD ₅₀ as determined in mice is 1,495 mg/kg.	
Conditions Aggravated by Use: Unknown	
Emergency & First Aid Procedures:	
Eyes:	In case of contact; immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Consult a physician.
Skin:	Immediately flush exposed area with water. Remove and wash contaminated clothing before reuse. Discard contaminated shoes.
Ingestion:	If swallowed; do NOT induce vomiting; drink a large amount of water and call a physician. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong acids or oxidizing agents
Hazardous Decomposition Products: Oxides of carbon and nitrogen; formaldehyde	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Absorb in clay, sand, sawdust, or vermiculite; sweep up and recover. Flush spill area with water.
Waste Disposal Method:	Bury in approved landfill. Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	None required
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber Gloves
Eye Protection(Specify Type):	Safety glasses or chemical goggles
Other Protective Equipment:	Under certain conditions, rubber aprons are suggested.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Store in a cool, dry place; keep container closed.
Other Precautions:	None

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