

Spartan

CA-12

Spartan Chemical Company, Inc.

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

Shipping Description: Cleaning compounds, liquid, n.o.s.
 NFPA Ratings:
 Health: 2 - Moderate
 Fire: 1 - Slight
 Reactivity: 0 - Minimal
 HMIS Ratings:
 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)	% W	CAS Registry No.	Table Z- 1 - A		
			TWA mg/m3	STEL mg/m3	CEILING mg/m3
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	78.5	4719-04-4	Not Estab-lished	Not Estab-lished	Not Estab-lished
Carcinogen:	No				

SECTION III: PHYSICAL DATA

Boiling Point: >100 deg F
 Vapor Pressure: 3 mm Hg @ 75 deg F
 Vapor Density (AIR = 1): Unknown
 Solubility in Water: Miscible
 pH: 10.0-10.5
 Specific Gravity (H2O=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 deg F
 Method Used: ASTM-D56
 Flammable Limits: N/A
 Flame Extension: N/A
 Extinguishing Media: Water, foam, dry chemical, CO2
 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 LD50 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

CA-12
 Name: Ronald T. Cook
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