



Spartan Chemical Company, Inc.

Material Safety Data Sheet

CU 2701; CU 2705

SECTION I: PRODUCT INFORMATION

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

TRILINC

Product Number: 4030

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:		Non-Hazardous Products	
NFPA Ratings:		HMIS Ratings:	
Health:	1 - Slight	Health:	*1 - Slight; Chronic Hazard
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			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Acrylic copolymer	15-20	65405-61-0	Not Established	Not Established	Not Established	No
*Diethylene glycol ethyl ether	5-10	111-90-0	140 (AIHA)	Not Established	Not Established	No
Tributoxyethyl phosphate	1-5	78-51-3	Not Established	Not Established	Not Established	No
*Ammonium hydroxide	1-5	1336-21-6	35 (ammonia)	Not Established	Not Established	No
*Methylpyrrolidone	1-5	872-50-4	Not Established	Not Established	Not Established	No
Aliphatic polyurethane	1-5	Proprietary	Not Established	Not Established	Not Established	No
Polyethylene polymer	1-5	68441-17-8	Not Established	Not Established	Not Established	No
Ethylene copolymer	1-5	67892-91-5	Not Established	Not Established	Not Established	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:	210 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	8.5-9.0	Specific Gravity (H ₂ O=1):	1.03
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	24-26
Physical State:	Liquid		
Appearance & Odor:	Translucent emulsion, slightly aromatic		

▼ SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	None	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:	Dried Product can burn. Combustion products are toxic.		

▼ SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes; Ingestion
Effects of Overexposure-Conditions to Avoid:	<p>Causes mild eye irritation: Symptoms may include pain, redness, swelling and tearing.</p> <p>May cause skin irritation: Symptoms may include redness, pain and swelling.</p> <p>Harmful if swallowed: Symptoms may include nausea, vomiting, pain and diarrhea.</p> <p>Inhalation of vapors may cause respiratory irritation, headache and nausea.</p> <p>Contains diethylene glycol ethyl ether which may be absorbed if swallowed causing central nervous system depression, liver and kidney impairment. Contains tributoxethyl phosphate which may cause nervous system effects such as ataxia, breathing abnormalities and tremors with prolonged or repeated contact. Contains methylpyrrolidone has demonstrated embryotoxic and testicular effects after repeated high doses in animal studies. Due to the low vapor pressure of methyl pyrrolidone, dermal exposure represents the primary hazard in most settings.</p> <p>Avoid contact with eyes, skin, or clothing. Avoid breathing product vapors or mists. Use with adequate ventilation. Do not taste or swallow. Wash thoroughly after handling.</p>		
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 plenty of water for at least 15 minutes; remove contact lenses. Get medical attention.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
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:	Unknown
Hazardous Decomposition Products:	Unknown	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 levels are exceeded (see Section II) or if respiratory irritation occurs, a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or other impervious gloves are recommended.
Eye Protection(Specify Type):	Splash goggles are recommended to prevent eye contact.
Other Protective Equipment:	See 29 CFR 1910.132-138.

▼ SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep from freezing. Keep out of reach of children.
Other Precautions:	California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

© SCC 06/08/2009
TRILINC

Name: Ronald T. Cook
Effective: 06/08/2009
Date:

Title: Manager, Regulatory Affairs
Supersedes: 09/22/2008

Ref: 29 CFR 1910.1200 (OSHA) Changes: General Update

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.