Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
CONCENTRATED WINDOW CLEANER
Product Number: 3060; 3061

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: Flammable liquids, n.o.s., 3, UN 1993, III, (contains isopropanol)

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate	**Health:** 2 - Moderate
Fire: 3 - Serious	**Fire:** 3 - Serious
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)	%Wt	CAS Registry No.	Table Z-1-A TWA mg/m^3	STEL mg/m^3	CEILING mg/m^3	NTP, IARC or OSHA Carcinogen
Isopropanol	10-20	67-63-0	980	1225	Not Established	No
Acetic Acid	1-5	64-19-7	25	37	Not Established	No
Alkyl polyglycoside	1-5	132778-08-6	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point:	200 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	2-3	Specific Gravity (H_2O=1):	0.97
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	1-5
Physical State:	Liquid		
Appearance & Odor:	Clean, light blue, Floral odor		

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	85°F	Method Used:	ASTM-D3278
Flammable Limits:	Not Established	Flame Extension:	N/A
Extinguishing Media:	Water, carbon dioxide or dry chemical.		
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 and Oral

Effects of Overexposure-Conditions to Avoid: **Causes eye and skin irritation:** Symptoms may include pain, redness, swelling and tearing
Harmful if swallowed: Symptoms may include nausea, vomiting, pain and diarrhea.
Inhalation of product vapors or mist may cause respiratory irritation: Symptoms may include coughing and difficulty breathing.
Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid breathing product vapor or mist.

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: In case of contact; immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. If irritation persists; seek 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: In case of respiratory irritation; move person to fresh air.

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	None known
Hazardous Decomposition Products:	None	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 recovery or disposal.

Waste Disposal Method: Assure conformance with federal, state and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required when good general ventilation is provided.

Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

Protective Gloves(Specify Type): Rubber or other impervious gloves are recommended when handling undiluted product.

Eye Protection(Specify Type): Splash goggles are recommended when handling undiluted product.

Other Protective Equipment: For further guidance see 29 CFR 1910.132-138.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Flammable liquid and vapor. Do not use or store near heat, sparks and flame.

Other Precautions: Keep out of reach of children.

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CONCENTRATED WINDOW CLEANER
Ref: 29 CFR 1910.1200 (OSHA)

Name:	Ronald T. Cook	Title:	Manager, Regulatory Affairs
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Changes:	General review		

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