



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**ISHINE**

Product Number: 4055

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

Product Division:

**Janitorial**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: Buffing, polishing compounds, liquid, n.o.s.	
<b>NFPA Ratings:</b>	<b>HMIS Ratings:</b>
<b>Health:</b> 1- Slight	<b>Health:</b> *1 - Slight; Chronic Hazard
<b>Fire:</b> 0 - Minimal	<b>Fire:</b> 0 - Minimal
<b>Reactivity:</b> 0 - Minimal	<b>Reactivity:</b> 0 - Minimal
	<b>Pers. Prot. Equip.:</b> 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 <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Acrylic polymer	15-20	Proprietary	Not Established	Not Established	Not Established	No
Styrene / Acrylic copolymer	1-5	Proprietary	Not Established	Not Established	Not Established	No
Tributoxyethyl phosphate	1-5	78-51-3	Not Established	Not Established	Not Established	No
Dipropylene glycol methyl ether	1-5	34590-94-8	600 [skin]	909 (ACGIH)	Not Established	No
*Diethylene glycol monoethyl ether	1-5	111-90-0	140 (AIHA)	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:	212 °F	Vapor Pressure:	Unknown
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	8.0-9.0	Specific Gravity (H <sub>2</sub> O=1):	1.037
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	25-35
Physical State:	Liquid		
Appearance & Odor:	Translucent emulsion, ammoniacal odor		

#### ▼ SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	> 210 °F	Method Used:	ASTM-D56
Flammable Limits:	N/A	Flame Extension:	N/A
Extinguishing Media:	N/A		
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:	Inhalation, Skin Contact, Eyes
Effects of Overexposure- Conditions to Avoid:	<p><b>Causes mild eye irritation:</b> Symptoms may include pain, redness, swelling and tearing.</p> <p><b>May cause skin irritation:</b> Symptoms may include redness, pain and swelling.</p> <p><b>Harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea.</p> <p><b>Inhalation of vapors may cause respiratory irritation, headache and nausea.</b></p> <p>Contains diethylene glycol monoethyl ether which may cause central nervous system depression, liver and kidney impairment.</p> <p>Contains tributoxyethyl phosphate which may cause nervous system effects such as ataxia, breathing abnormalities and tremors with prolonged or repeated contact.</p> <p><b>Avoid contact with eyes and skin. Avoid breathing product vapors or mist. Use with adequate ventilation. Do not taste or swallow. Wash thoroughly after handling.</b></p>		
Conditions Aggravated by Use:	Preexisting skin; eye and respiratory disorders.		

#### Emergency & First Aid Procedures:

Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Remove contaminated clothing. Flush skin thoroughly with plenty of water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Ingestion:	Do not induce vomiting unless told to do so by medical personnel. 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. If irritation persists get medical attention.

#### ▼ SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	None known
Hazardous Decomposition Products:	None known	Hazardous Polymerization:	Will Not Occur

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

Steps to be Taken in Case Material is Released or Spilled:	Small spills may be flushed with water to sanitary sewer system. Dike and contain large spill with inert material and transfer liquid to containers for recovery or disposal. Follow all federal, state and local regulations. Do not discharge into streams, lakes or other surface waters.
Waste Disposal Method:	Incineration or approved landfill.

#### ▼ SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not usually required when good general ventilation is provided. However if exposure levels are
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	exceeded (see Section II) or if respiratory irritation occurs, use of a NIOSH approved respirator suitable for the conditions of use and chemicals listed in Section II should be considered.
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.
Eye Protection(Specify Type):	Splash goggles are recommended to prevent eye contact.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

**▼ SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Keep from freezing.
Other Precautions:	Keep out of reach of children.

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ISHINE

Name: Ronald T. Cook

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Date:

Title: Manager, Regulatory Affairs

Supersedes: 05/14/2003

Ref: 29 CFR 1910.1200 (OSHA) Changes: Update Section IX

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