

**SPARTAN CHEMICAL COMPANY, INC.  
WHMIS MATERIAL SAFETY DATA SHEET**

**SECTION I: PRODUCT INFORMATION**

**PRODUCT IDENTIFIER  
CONSUME DROP-IN-A-DRAIN**

**PRODUCT USE:** Bacterial product for drain maintenance & odor control

**MANUFACTURER'S NAME & ADDRESS**  
Spartan Chemical Company, Inc.  
1110 Spartan Drive, Maumee, OH 43537 USA

**MEDICAL EMERGENCY TELEPHONE**  
888/314-6171 (24 Hours)  
**PRODUCT INFORMATION**  
800/537-8990

**SECTION II: HAZARDOUS INGREDIENTS**

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	TLV			LD50	LC50
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	Ceiling mg/m <sup>3</sup>		

NA                      NA                      Viable bacterial cultures                      ----- Not Established                      ----- Not available                      Not available

**SECTION III: PHYSICAL DATA**

<b>BOILING POINT</b> NA	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</b> Bulk density 0.66-0.77 gm/ cm <sup>3</sup>	<b>PERCENT SOLID BY WEIGHT</b> 100
<b>VAPOUR PRESSURE</b> Not established	<b>EVAPORATION RATE (butyl acetate = 1)</b> < 1	<b>FREEZING POINT</b> Not available
<b>VAPOUR DENSITY (AIR = 1)</b> Not established	<b>SOLUBILITY IN WATER</b> Minimal	
<b>pH</b> 1% in H <sub>2</sub> O = 6.5-8.5	<b>APPEARANCE AND ODOUR</b> Tan powder in 10 gram water soluble packets	<b>ODOUR THRESHOLD</b> Not available
<b>COEFFICIENT OF WATER/OIL DISTRIBUTION</b> Not available		<b>PHYSICAL STATE</b> GAS__ LIQUID__ SOLID <u>X</u>

**SECTION IV: FIRE & EXPLOSION DATA**

<b>FLASH POINT</b> None	<b>METHOD USED</b> ASTM - D56	<b>FLAMMABLE LIMITS</b> Not established
<b>EXTINGUISHING MEDIA</b> Product does not support combustion. Not applicable	<b>CONDITIONS OF FLAMMABILITY</b>	<b>AUTO-IGNITION TEMPERATURE</b> Not applicable
<b>HAZARDOUS COMBUSTION PRODUCTS</b> Not established		<b>EXPLOSION DATA</b> Not applicable
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Use self-contained breathing apparatus for maximum respiratory protection. Cool fire-exposed containers with water spray.		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> Combustion products are toxic.		

## SECTION V: REACTIVITY DATA

**STABILITY:** STABLE X

**CONDITIONS OF INSTABILITY**

Not established

**CONDITIONS OF REACTIVITY**

Not established

**INCOMPATIBILITY (MATERIALS TO AVOID)** Strong oxidizers, strong acids or alkali may inactivate bacterial cultures.

**HAZARDOUS DECOMPOSITION PRODUCTS** Carbon dioxide, carbon monoxide

## SECTION VI: TOXICOLOGICAL PROPERTIES

**PRIMARY ROUTES OF ENTRY:** Eye Contact, Skin Contact, Ingestion, Inhalation

### EXPOSURE LIMIT

Not established for mixture.

### EFFECTS OF ACUTE EXPOSURE:

**EYE CONTACT:** May cause eye irritation with symptoms such as pain, redness and swelling of the conjunctiva.

**SKIN CONTACT:** May cause skin irritation with symptoms such as pain, redness and swelling.

**INGESTION:** May be harmful if swallowed. Symptoms may include nausea, vomiting and diarrhea.

**INHALATION:** Breathing product dust may cause respiratory irritation.

This product contains living bacterial cultures. The bacteria in this product may cause infection if introduced into an open wound, broken skin or mucous membrane in sufficient quantity.

### EFFECTS OF CHRONIC EXPOSURE

None known

### IRRITANCY OF PRODUCT

May cause skin and eye irritation

### SENSITIZATION TO PRODUCT

not available

### CARCINOGENICITY

No

### REPRODUCTIVE TOXICITY

Not available

### TERATOGENICITY

Not available

### MUTAGENICITY

Not available

### SYNERGISTIC PRODUCTS

Not available

## SECTION VII: PREVENTIVE MEASURE

### PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS:

Wear rubber or other impervious gloves. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

**LEAK AND SPILL PROCEDURE:** Small quantities may be flushed into sanitary sewer. Larger quantities should be picked up and transferred to a suitable container for disposal.

**WASTE DISPOSAL METHOD:** Assure conformance with applicable regulations.

**HANDLING PROCEDURES:** Do not get in eyes, on skin or on clothing. Do not swallow. Avoid breathing product dust. Avoid contact with open wounds, broken skin or mucous membranes. Wash thoroughly after handling.

**STORAGE REQUIREMENTS:** Store in a cool, dry location. Keep container closed when not in use. Do not contaminate food or feed. Keep out of reach of children.

**SPECIAL SHIPPING INFORMATION:** None: Shipping Description: Non Hazardous Product.

## SECTION VIII: FIRST AID MEASURES

**EYES:** Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.

**SKIN:** Wash skin with plenty of soap and water. Apply topical antiseptic agent to open wounds or broken skin. Get medical attention if irritation persists.

**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. Get medical attention if irritation persists.

## SECTION IX: PREPARATION INFORMATION

### CONSUME DROP-IN-A-DRAIN

**DATE OF PREPARATION:** October 25, 2016

**SUPERCEDES:** October 25, 2013

**PREPARED BY** Ronald T. Cook / Manager, Regulatory Affairs / Spartan Chemical Company, Inc.

**TELEPHONE NUMBER** 800/537-8990