

# MATERIAL SAFETY DATA SHEET

PAGE 1 OF 2

<b>IDENTITY</b>	<b>DroGo® "A"</b>
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## SECTION I

<b>MANUFACTURER:</b> A.L. WILSON CHEMICAL CO. 1050 HARRISON AVENUE P.O. BOX 207 KEARNY, NJ 07032	<b>EMERGENCY TELEPHONE NUMBER</b>	800-424-9300 or 703-527-3887
	<b>TELEPHONE NUMBER FOR INFORMATION:</b>	201-997-3300
	<b>DATE PREPARED:</b>	January 1, 2007

## SECTION II - IMPORTANT INGREDIENTS / IDENTITY INFORMATION

IMPORTANT COMPONENTS	CHEMICAL IDENTITY	CAS #	%	TLV
POLYOXYETHYLENE (16) TALL OIL		61791-00-2		ND
SODIUM OCTYLPHENOXY- POLYETHOXYETHYL SULFATE AMINOCUMARIN		000091-44-1		ND
WATER	H <sub>2</sub> O	7732-18-5		
STILBENE FLUORESCENT BRIGHTENER		PROPRIETARY		ND

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT</b>	ND	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	approx. 1.0
<b>VAPOR PRESSURE (mm Hg)</b>	ND	<b>MELTING POINT</b>	NA
<b>VAPOR DENSITY (air =1)</b>	ND	<b>EVAPORATION RATE (butyl acetate =1)</b>	ND
<b>SOLUBILITY IN WATER</b>	highly soluble		
<b>APPEARANCE AND ODOR</b>	amber liquid with surfactant odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT</b> (method used)	<b>FLAMMABLE LIMITS</b>
145° F.T.C.C. Water base will not sustain combustion.	ND
<b>EXTINGUISHING MEDIA</b> water, carbon dioxide "CO <sub>2</sub> " or dry chemical	
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> ND	
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> ND	

## SECTION V - REACTIVITY DATA

<b>STABILITY</b> stable	<b>CONDITIONS TO AVOID</b> Avoid excessive heat.
<b>INCOMPATIBILITY (MATERIALS TO AVOID)</b> oxidizing, reducing agents	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	
<b>HAZARDOUS POLYMERIZATION</b> will not occur	

See Page 2 for more information.

**SECTION VI - HEALTH HAZARD DATA****EFFECTS OF OVEREXPOSURE****EYES:** Can irritate.**SKIN:** Can irritate.**INGESTION:** ND**INHALATION:** Overexposure may cause irritation or dryness of nose and throat.**FIRST AID****EYES:** Immediately flush thoroughly with water for 15 minutes. Get medical attention.**SKIN:** Immediately flush thoroughly with water. Remove and wash clothing before re-use.**INGESTION:** See a physician as soon as possible.**INHALATION:** Remove victim to fresh air.**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Absorb liquid with paper, floor absorbent, vermiculite or other absorbent materials. See below.

**WASTE DISPOSAL METHOD**

Dispose of in accordance with federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Avoid excessive heat.

**SECTION VIII - CONTROL MEASURES****RESPIRATORY PROTECTION**

None expected to be needed.

**VENTILATION**

adequate local exhaust

**PROTECTIVE GLOVES**

rubber gloves

**EYE PROTECTION**

chemical goggles

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

chemical apron

**WORK/HYGIENIC PRACTICES**

Practice good personal hygiene.

**NA = Not Applicable**  
**ND = Not Determined**

# MATERIAL SAFETY DATA SHEET

PAGE 1 OF 2

<b>IDENTITY</b>	<b>DroGo® "B"</b>
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## SECTION I

<b>MANUFACTURER:</b> A.L. WILSON CHEMICAL CO. 1050 HARRISON AVENUE P.O. BOX 207 KEARNY, NJ 07032	<b>EMERGENCY TELEPHONE NUMBER</b>	800-424-9300 or 703-527-3887
	<b>TELEPHONE NUMBER FOR INFORMATION:</b>	201-997-3300
	<b>DATE PREPARED:</b>	January 1, 2007

## SECTION II - IMPORTANT INGREDIENTS / IDENTITY INFORMATION

IMPORTANT COMPONENTS	CHEMICAL IDENTITY	CAS #	%	TLV
SODIUM HYDROSULFITE	$\text{Na}_2\text{S}_2\text{O}_4$	7775-14-6	< 50%	10 Mg/M <sup>3</sup>
SODIUM METABISULFITE		7681-57-4	< 5%	5 Mg/M <sup>3</sup>
TETRASODIUM PYROPHOSPHATE	$\text{Na}_4\text{P}_2\text{O}_7$	7722-88-5		5 Mg/M <sup>3</sup>
SODIUM TRIPOLYPHOSPHATE	$\text{Na}_5\text{P}_3\text{O}_{10}$	7758-29-4		10 Mg/M <sup>3</sup>

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT</b>	NA	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	approx. 1.1
<b>VAPOR PRESSURE (mm Hg)</b>	NA	<b>MELTING POINT</b>	ND
<b>VAPOR DENSITY (air =1)</b>	NA	<b>EVAPORATION RATE (butyl acetate =1)</b>	NA
<b>SOLUBILITY IN WATER</b>	less than 17% at 20° C		
<b>APPEARANCE AND ODOR</b>	white powder with sulfur-like odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT</b>	(method used)	<b>FLAMMABLE LIMITS</b>
NA		NA
<b>EXTINGUISHING MEDIA</b> Flood with large amounts of water.		
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> ND		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> Contact with small amounts of water or humid atmosphere may cause chemical reaction.		

## SECTION V - REACTIVITY DATA

<b>STABILITY</b> stable	<b>CONDITIONS TO AVOID</b> moisture, heat above 50° C
<b>INCOMPATIBILITY (MATERIALS TO AVOID)</b> moisture, oxidizing agents or acidic materials	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b> sulfur dioxide	
<b>HAZARDOUS POLYMERIZATION</b> will not occur	

See Page 2 for more information.

**SECTION VI - HEALTH HAZARD DATA****EFFECTS OF OVEREXPOSURE****EYES:** Can irritate.**SKIN:** Can irritate.**INGESTION:** Coughing - burning sensation.**INHALATION:** Can irritate nose and throat.**FIRST AID****EYES:** Immediately flush thoroughly with water for 15 minutes. Get medical attention.**SKIN:** Immediately flush thoroughly with water. Remove contaminated clothing.**INGESTION:** See a physician as soon as possible.**INHALATION:** Remove victim to fresh air.**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Recover as a dry material. (Material considered hazardous because of reactivity with moisture.)

**WASTE DISPOSAL METHOD**

Dispose of in accordance with federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Dry storage at temperature below 50° C. Keep separate from oxidizers, acids and flammable materials.

**OTHER PRECAUTIONS**

Persons with a known respiratory system response such as wheezing or asthmatic reactions to irritants must be excluded from exposure.

**SECTION VIII - CONTROL MEASURES**

<b>RESPIRATORY PROTECTION</b> ND	<b>VENTILATION</b> local exhaust
<b>PROTECTIVE GLOVES</b> rubber gloves	<b>EYE PROTECTION</b> chemical goggles
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b> rubber apron desirable	
<b>WORK/HYGIENIC PRACTICES</b> Practice good personal hygiene.	

**NA = Not Applicable****ND = Not Determined**