

# Sears Ecological Applications Co, LLC

## MATERIAL SAFETY DATA SHEET

### Distillers Solubles

#### **SECTION I - MATERIAL IDENTIFICATION AND USE:**

<b>MATERIAL NAME</b> Distillers Solubles	<b>CLASSIFICATION/WHMIS</b> Not Controlled
<b>MANUFACTURERS' NAME AND ADDRESS</b> Sears Ecological Applications Company, LLC 1914 Black River Blvd, Rome, NY 13440	<b>EMERGENCY PHONE NUMBERS</b> (315) 337-1232

<b>CHEMICAL NAME</b> Distillers Solubles, Distillers Condensed Solubles (DCS)	<b>CHEMICAL FAMILY</b> N/A	<b>CHEMICAL FORMULA</b> N/A
<b>TRADE NAMES &amp; SYNONYMS</b> Distiller Solubles, DCS, ICE B'GONE, Distillers Condensed Solubles	<b>MOLECULAR WEIGHT</b> N/A	<b>MATERIAL USE</b> Road De-icing

#### **SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL:**

<b>CHEMICAL IDENTITY</b>	<b>CONCENTRATION %</b>	<b>C.A.S.#</b>	<b>LD50</b>	<b>LC50</b>
Non Hazardous Chemical	N/A	N/A	N/A	N/A

#### **SECTION III - PHYSICAL DATA:**

<b>PHYSICAL STATE</b> Liquid	<b>ODOR AND APPEARANCE</b> Viscous brown liquid with slight odor	<b>ODOR THRESHOLD</b> N/A
<b>SPECIFIC GRAVITY</b> 1.25	<b>VAPOR PRESSURE (mm)</b> N/A	<b>VAPOR DENSITY</b> N/A
<b>EVAPORATION RATE</b> None	<b>BOILING POINT(C)</b> 100°	<b>FREEZING POINT(C)</b> -30°
<b>SOLUBILITY IN WATER (20C)</b> N/A	<b>%VOLATILE (BY VOLUME)</b> N/A	<b>pH</b> 3.5-4.5

#### **SECTION IV - FIRE & EXPLOSION HAZARD:**

<b>FLAMMABILITY</b> Not Flammable	<b>IF YES, UNDER WHAT CONDITIONS</b> N/A
<b>MEANS OF EXTINGUISHING</b> N/A	<b>SPECIAL PROCEDURES</b> None
<b>FLASHPOINT (C) &amp; METHOD</b> N/A	<b>UPPER EXPLOSIVE LIMIT (% BY VOLUME)</b> N/A
<b>LOWER EXPLOSIVE LIMIT (% BY VOLUME)</b> N/A	<b>AUTO IGNITION TEMPERATURES (°C)</b> N/A
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> None	

#### **SECTION V - REACTIVITY DATA:**

<b>CHEMICAL STABILITY:</b> Stable	<b>CONDITIONS TO AVOID:</b> Contact w/concentrated acids
<b>INCOMPATIBILITY:</b> Yes, concentrated acids, nitric acid	<b>REACTIVITY:</b> None
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> None	

## **SECTION VI - HEALTH HAZARD DATA:**

**ROUTES OF ENTRY:** Ingestion

**HEALTH HAZARDS OF ACUTE EXPOSURE TO MATERIAL:** None

**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** N/A

**EXPOSURE LIMITS:** N/A

**SENSITIVITY OF MATERIAL:** Does not occur

**IRRITANCY OF MATERIAL:** N/A

**SYNERGISTIC MATERIALS:** None

**CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, and MUTAGENICITY:** None

## **SECTION VII - PREVENTATIVE MEASURES:**

### **PERSONAL PROTECTIVE EQUIPMENT:**

GLOVES: Rubber gloves recommended

EYES: Safety goggles optional

OTHER: None

RESPIRATORY: None

**ENGINEERING CONTROL:** N/A

**LEAK AND SPILL PROCEDURE:** Flush with water.

**WASTE DISPOSAL:** Rinse to sewer

**HANDLING PROCEDURES & EQUIPMENT:** Wash skin and equipment with water

**STORAGE REQUIREMENTS:** No special precautions

**SPECIAL SHIPPING INFORMATION:** DOT – not restricted, not listed as toxic chemical order 40 CFR section 372.65.

**ENVIRONMENTAL IMPACT:** None

## **SECTION VIII – FIRST AID MEASURES**

Routes of Entry	Health Hazards	Effects of Exposure to Material	First Aid (Section VIII)
Eyes	Yes	May cause irritation of tissue.	Flush eyes promptly with fresh water for 15 minutes. Seek medical attention.
Skin	Yes	May cause slight irritation.	Wash promptly with warm fresh water and mild soap.
Inhalation	Unlikely - Only if the form of very fine spray mist.	Vapors non-irritant. Fine particles from spray mist only may cause irritation of nasal and bronchial passages.	N/A
Ingestion	Unlikely - Has very bitter taste and emetic properties.	May cause vomiting and tissue irritation.	Give 2-4 glasses of water. Seek medical attention.

## **SECTION IX - PREPARATION DATE OF MSDS:**

### **PREPARED BY**

Sears Ecological Applications Co, LLC

### **TELEPHONE #**

(315) 337-1232

### **PREP DATE**

January 2010

### **SUPERSEDES**

June 2002

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