

Sears Ecological Applications Co, LLC

MATERIAL SAFETY DATA SHEET

Distillers Solubles

SECTION I - MATERIAL IDENTIFICATION AND USE:

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

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

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL:

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

SECTION III - PHYSICAL DATA:

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

SECTION IV - FIRE & EXPLOSION HAZARD:

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

SECTION V - REACTIVITY DATA:

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