

**Sears Petroleum & Transport Corp.**  
**Magic Minus Zero/Ice B'Gone MATERIAL SAFETY DATA SHEET**  
Distillers Solubles/Magnesium Chloride

**SECTION I: MATERIAL IDENTIFICATION AND USE**

MATERIAL NAME

**DCS5o, ICE B'GONE, Magic, Magic Minus Zero**

CLASSIFICATION/WHMIS

Not Controlled

MANUFACTURERS' NAME AND ADDRESS

Sears Petroleum & Transport Corp  
1914 Black River Blvd, Rome, NY 13440

**EMERGENCY PHONE NUMBERS**

**(315) 337-1232**

CHEMICAL NAME

Magnesium Chloride and  
Distillers Condensed Solubles (DCS)

CHEMICAL FAMILY

N/A

CHEMICAL FORMULA

N/A

TRADE NAMES & SYNONYMS

Distiller Solubles, DCS, Ice B'Gone,  
Magic, Magic Minus Zero

MOLECULAR WEIGHT

N/A

MATERIAL USE

de-icing, anti-icing

**SECTION II: HAZARDOUS INGREDIENTS OF MATERIAL**

CHEMICAL IDENTITY

Non Hazardous Chemical

CONCENTRATION %

N/A

C.A.S.#

N/A

P.I.N.#

N/A

LD50

N/A

LC50

N/A

**SECTION III: PHYSICAL DATA**

PHYSICAL STATE

Liquid

ODOR AND APPEARANCE

Brown liquid, pleasant odor

ODOR THRESHOLD

N/A

SPECIFIC GRAVITY

1.26

VAPOR PRESSURE (mm)

N/A

VAPOR DENSITY

N/A

EVAPORATION RATE

None

BOILING POINT (°C)

100

FREEZING POINT (°C)

-30

SOLUBILITY IN WATER (20°C)

Soluble in water

% VOLATILE (BY VOLUME)

N/A

pH

3.5-4.5

**SECTION IV: FIRE & EXPLOSION HAZARD**

FLAMMABILITY

No

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)

None

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

INCOMPATIBILITY: No

HAZARDOUS DECOMPOSITION PRODUCTS: None

CONDITIONS TO AVOID: None

REACTIVITY UNDER WHAT CONDITIONS: N/A

## SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY: Ingestion

HEALTH HAZARDS OF ACUTE EXPOSURE TO MATERIAL:

Very low toxicity LD50 (orl rat): 8100 mg/kg

May cause slight irritation to eyes or skin.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: N/A

EXPOSURE LIMITS: N/A

IRRITANCY OF MATERIAL: N/A

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, and MUTAGENICITY: None

SENSITIVITY OF MATERIAL: Does not occur

SYNERGISTIC MATERIALS: None

## SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Rubber gloves, if desired

EYES: Safety goggles optional

OTHER: None

RESPIRATORY: None

ENGINEERING CONTROL: N/A

LEAK AND SPILL PROCEDURE: Flush small amounts to drain, collect large amounts and mix with road sand.

WASTE DISPOSAL: Rinse to sewer.

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

STORAGE REQUIREMENTS: Avoid aluminum tanks.

SPECIAL SHIPPING INFORMATION: None

## SECTION VIII: FIRST AID MEASURES

INHALATION: None

INGESTION: If discomfort exists, give fluids and treat symptomatically.

Give 2-4 glasses of water, seek medical attention.

EYE CONTACT: Flush eyes with fresh water.

SKIN CONTACT: Wash with warm water

## SECTION IX: PREPARATION DATE OF MSDS

PREPARED BY

Sears Petroleum & Transport Corp

TELEPHONE#

(315) 337-1232

PREP DATE

JANUARY 1999

SUPERSEDES

NONE

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