



# ICE BAN

## 305 LIQUID ANTI ICER

Eco Friendly

Fast Melting Action - Get to bare pavement faster!

Water soluble, non tracking formula

Composed of Natural Ingredients

Environmentally safer than salt

Less corrosive than salt

Available in Private Label

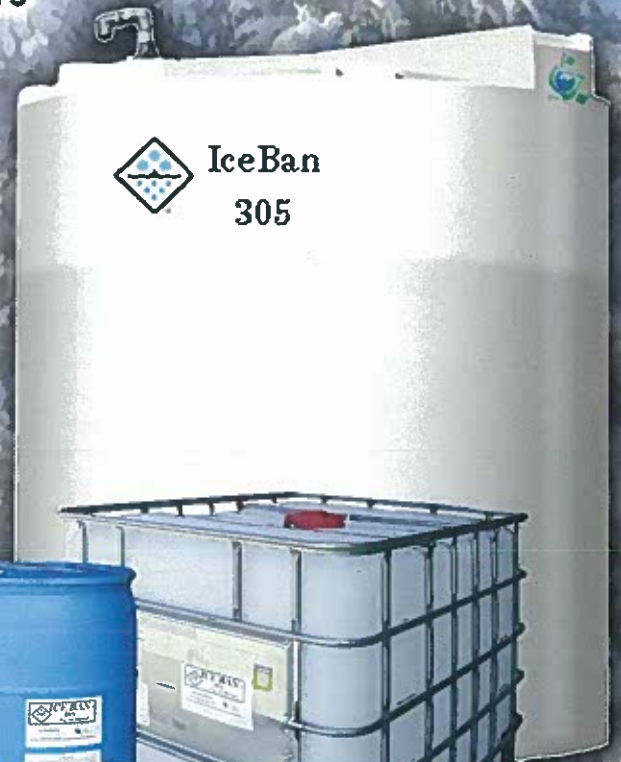
Available in

5 gl. Jugs

55 gl. Drums

250 gl. Totes

Bulk Loads



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 Div. of AJP CORP  
 803 LOGAN STREET  
 GOSHEN, IN 46528

# MSDS

Material Safety Data Sheet



**Chemical Product and Company Identification**

**Product Name:**  
Ice Ban® 305

**Manufacturer:**  
Earth Friendly Chemicals, Inc.  
2585 Horse Pasture Road  
Suite 202  
Virginia Beach, VA 23453

**Telephone Number for Information:**  
1-800-753-1548

**Emergency First Aid Measures**

|                 |   |
|-----------------|---|
| Eyes            | Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. |
| Ingestion       | If gastrointestinal irritation develops, consult medical personnel.                                       |
| Inhalation      | Remove to fresh air. If respiratory symptoms develop, consult medical personnel.                          |
| Skin Absorption | Flush with large amounts of water; use soap if available.   |

**Composition / Information on Components**

| Component                           | % Comp. | OSHA PEL | ACGIH TLV |
|-------------------------------------|---------|----------|-----------|
| Ice Ban® 305 Concentrate            | 10-20%  | None     | None      |
| MgCl <sub>2</sub> (30-31% Solution) | 80-90%  | None     | None      |

**Fire Fighting Measures**

**Flash Point:** N/A (Not Applicable)  
**Flammable Limits:** Upper Limit: N/A  
 Lower Limit: N/A  
**Auto ignition Temperature:** N/A  
**Fire & Explosion Hazard:** Negligible fire hazard  
**Extinguishing Media:** Dry Chemical, Carbon Dioxide  
 Water Fog, Alcohol Foam  
**Neutralizing Chemicals:** None  
**Special Firefighting:** No special procedures required  
**Precautionary Statement:** None  
**NFPA Hazard Code:** Health 0  
 Flammability 0  
 Reactivity 0

| Routes of Entry |     |
|-----------------|-----|
| Eyes            | Yes |
| Ingestion       | Yes |
| Inhalation      | Yes |
| Skin Absorption | Yes |

**Accidental Release Measures**

Spills should be contained and taken up with suitable absorbent and placed in containers. Spill area can be washed with water.

| Health Effects  |   |
|-----------------|---|
| Eyes            | May cause irritation and may injure eye tissue if not removed.        |
| Ingestion       | Drink water. Large doses may cause GI discomfort.                     |
| Inhalation      | Vapors may be irritating to the respiratory system and nasal passage. |
| Skin Absorption | Prolonged or repeated contact may cause irritation.                   |

**Exposure Control / Personal Protection**

|                |  |
|----------------|--|
| Respiratory    | If high vapor or mist concentrate, use of a respirator is recommended.   |
| Ventilation    | Use local exhaust to control mists.                                      |
| Gloves         | Impervious gloves are recommended.                                       |
| Eye protection | Safety glasses with side shields or chemical goggles if mist is present. |
| Clothing       | Appropriate clothing to prevent skin contact with this substance.        |



# MSDS

Material Safety Data Sheet

Page 2 of 2



### Physical and Chemical Properties

|                            |                      |
|----------------------------|----------------------|
| Appearance / Odor          | Clear w/ Slight Odor |
| Physical Description       | Liquid               |
| pH                         | 7.0 - 8.0            |
| Boiling Point              | 240°F                |
| Melting Point              | Not Noted            |
| Solubility in Water        | Complete             |
| Evaporation Rate           | Slower than water    |
| Pure Material or Mixture   | Mixture              |
| Specific Gravity           | 1.0 - 1.25           |
| Volatile Organic Compounds | N/A                  |

### Stability and Reactivity

|                          |  |
|--------------------------|--|
| Stability                | Stable   |
| Conditions to Avoid      | None   |
| Incompatibility          | Not Reactive                                       |
| Hazardous Decomposition  | Hydrogen Chloride byproduct when heated to >572° F |
| Hazardous Polymerization | Will Not Occur                                     |

### Toxicological Information

#### **Toxicity Hazard Rating:**

Not currently listed under SARA Title III

#### **OSHA Hazardous / Non-Hazardous:**

Non-Hazardous

### Ecological Information

Material does not cause significant environmental impact.

### Disposal Considerations

For disposal of this material as a waste, comply with all applicable local, state and federal regulations for waste disposal.

### Transport Information

DOT Not Restricted  
IATA Not Restricted  
HMIS Labeling Exempt

### Regulatory Information

#### **SARA Title III Classification:**

Not currently listed as toxic chemical under 40 CFR section 372.65.

### Other Information

#### **For More Information Contact:**

Earth Friendly Chemicals, Inc.  
2585 Horse Pasture Road  
Suite 201  
Virginia Beach, Virginia 23453  
(800) 753-1548

Date Prepared: 17 November 2009

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Div. of AJP CORP  
803 LOGAN STREET  
GOSHEN, IN 46528



# EarthFriendlyChemicals

i n c o r p o r a t e d

SAFETY DATA SHEET - 01.01.15

## SECTION 1 - IDENTIFICATION

**Product name:** Ice Ban® 305  
**Company:** Earth Friendly Chemicals, Inc.  
2585 Horse Pasture Road, Suite 201  
Virginia Beach, VA 23453  
(800) 753-1548



## SECTION 2 - HAZARD(S) IDENTIFICATION

**Eyes:** May cause irritation and may injure eye tissue if not removed.  
**Skin:** Prolonged or repeated contact may cause irritation.  
**Breathing:** Vapors may be irritating to the respiratory system and nasal passage.  
**Swallowing:** Large doses may cause gastrointestinal discomfort.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Component</u>                       | <u>% Comp.</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|--|----------------|-----------------|------------------|
| Ice Ban 305® Concentrate               | 10% - 20%      | None            | None             |
| MgCl <sub>2</sub> (30% - 31% Solution) | 80% - 90%      | None            | None             |

## SECTION 4 - FIRST AID MEASURES

### FIRST AID PROCEDURES

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids.  
**Skin:** Flush with large amounts of water; use soap if available.  
**Inhalation:** Remove to fresh air. If respiratory symptoms develop, consult medical personnel.  
**Ingestion:** If gastrointestinal irritation develops, consult medical personnel.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flash point:** None  
**Flammable Limits:** Foam or carbon dioxide or dry chemical.  
**Auto-ignition temperature:** Wear self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode when fighting fires.  
**Fire & Explosion Hazard:** Negligible fire hazard  
**Neutralizing Chemicals:** None  
**Special Firefighting:** No special procedures required  
**Precautionary Statement:** None  
**NFPA Hazard Code:** Health = 0 Flammability = 0 Reactivity = 0

2585 Horse Pasture Road, Suite 201 • Virginia Beach, VA 23453  
Phone: 800.753.1548 • Fax: 757.802.9531

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**  
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**Response to spills:** Spills should be contained and taken up with suitable absorbent and placed in containers. Spill area can be washed with water.

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**SECTION 7 - HANDLING AND STORAGE**  
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Handle with reasonable care. Avoid breathing vapors. Store in a cool dry place. Dispose of empty containers in accordance with local, state and federal guidelines.

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**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**  
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**Respiratory Protection:** If high vapor or mists concentrate, use of a respirator is recommended.  
**Ventilation:** Use local exhaust to control mists.  
**Protective Gloves:** Impervious gloves are recommended.  
**Eye Protection:** Safety glasses with side shields or chemical goggles if mist is present.  
**Clothing:** Appropriate clothing to prevent skin contact with this substance.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**  
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|                              |                     |                                    |                   |
|------------------------------|---------------------|------------------------------------|-------------------|
| <b>Appearance / Odor:</b>    | Clear w/Slight odor | <b>H<sup>2</sup>O Solubility:</b>  | Complete          |
| <b>Physical Description:</b> | Liquid              | <b>Evaporation Rate:</b>           | Slower than water |
| <b>pH:</b>                   | 7.0 – 8.0           | <b>Pure Material / Mixture:</b>    | Mixture           |
| <b>Boiling Point:</b>        | 240°F               | <b>Specific Gravity:</b>           | 1.0 – 1.25        |
| <b>Melting Point:</b>        | Not noted           | <b>Volatile Organic Compounds:</b> | N/A               |

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**SECTION 10 - STABILITY AND REACTIVITY**  
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|                                  |                |                                 |   |
|----------------------------------|----------------|---------------------------------|---|
| <b>Hazardous Polymerization:</b> | Will not occur | <b>Hazardous Decomposition:</b> | Hydrogen Chloride byproduct when heated to >572°F |
| <b>Stability:</b>                | Stable         | <b>Conditions to avoid:</b>     | None  |
| <b>Incompatibility:</b>          | Not reactive   |                                 |   |

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**SECTION 11 - TOXICOLOGICAL INFORMATION**  
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**Toxicity Hazard Rating:** Not currently listed under SARA Title III  
**OSHA Hazardous / Non-Hazardous:** Non-Hazardous

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**SECTION 12 - ECOLOGICAL INFORMATION**  
-----

Material does not cause significant environmental impact.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**  
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For disposal of this material as a waste, comply with all applicable local, state and federal regulations for waste disposal.

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**SECTION 14 - TRANSPORT INFORMATION**  
-----

DOT: Not Restricted  
IATA: Not Restricted  
HMIS Labeling: Exempt

-----  
**SECTION 15 - REGULATORY INFORMATION**  
-----

**SARA Title III Classification:** Not currently listed as toxic chemical under 40 CFR section 372.65

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**SECTION 16 - OTHER INFORMATION**  
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**For More Information Contact:**

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(800) 753-1548

Date Prepared: 01 January 2015

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**Disclaimer:** Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.  
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# ICE BAN<sup>®</sup>

## 305

**250 Gallons**

[www.ecosurfacesolutions.com](http://www.ecosurfacesolutions.com)

**800-227-4156**



803 Logan Street  
Goshen, IN 46528



# ICE BAN<sup>®</sup>

## 305

**250 Gallons**

[www.ecosurfacesolutions.com](http://www.ecosurfacesolutions.com)

**800-227-4156**



803 Logan Street  
Goshen, IN 46528

## ANTI-ICING

APPLY TO DRIVEWAYS, WALKWAYS, STEPS, PORCHES, ROOF AND EAVES. MIST ENTIRE AREA AT THE RATE OF 1 OUNCE PER SQUARE YARD PRIOR TO STORM. ONE GALLON COVERS APPROXIMATELY 1000 SQUARE FEET. IF ICE AND SNOW IS PACKED, APPLY IN A STREAM. CREATES A NONSTICK SURFACE AGAINST ICE ADHESION. WATER SOLUBLE, NON-STAINING, NON-TRACKING FORMULA. ONE GALLON PROTECTS 20 X 50 DRIVEWAY. EQUAL TO 50 LBS. OF ROCK SALT.

**INGREDIENTS: MCGL2—30% SOLUTION**  
**ICE BAN CONCENTRATE**



**MAGNESIUM CHLORIDE CAS: 7786-30-3**

**IMO: Non-Hazardous**

**Harzardcode ( 0 = NONE; 1 = SLIGHT; 2 = MODERATE; 3 = SEVERE; 4= EXTREME,**

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**INGREDIENTS:  $\text{CaCl}_2$ —30% SOLUTION**  
**ICE BAN CONCENTRATE**



**CALCIUM CHLORIDE CAS:10043-52-4**

**IMO: Non-Hazardous**

**Harzardcode ( 0 = NONE; 1 = SLIGHT; 2 = MODERATE; 3 = SEVERE; 4= EXTREME,**

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**INGREDIENTS:  $\text{CaCl}_2$ —30% SOLUTION**  
**ICE BAN CONCENTRATE**



**CALCIUM CHLORIDE CAS:10043-52-4**

**IMO: Non-Hazardous**

**Harzardcode ( 0 = NONE; 1 = SLIGHT; 2 = MODERATE; 3 = SEVERE; 4= EXTREME,**