

# 1stChoice

## PREMIUM FORM OIL

# DATA SHEET



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## DESCRIPTION

1st CHOICE PREMIUM FORM OIL is a citrus-scented, multi-reactive form release agent. It is composed of an organic chemical that reacts with the alkali content of the concrete to form a release film that effectively prevents the bonding of concrete to the form. In addition, 1st CHOICE PREMIUM FORM OIL also contains a high molecular weight and a non-reactive, chemically inert ingredient to assist in clean and quick form release and removal. These exclusive ingredients combine the effectiveness of a chemically reactive type and an inert barrier type to provide a doubly effective separation and the ultimate in form release. 1st CHOICE PREMIUM FORM OIL meets the maximum VOC content of 250 g/L for form release compounds as required by Lake Michigan Air Directors Consortium (LADCO) regulations.

## USES

1st CHOICE PREMIUM FORM OIL can be used on various types of forms: wood, steel, fiberglass and aluminum, as well as fiber tubes. Wood forms should be saturated prior to first use. 1st CHOICE PREMIUM FORM OIL increases the life of wood forms by penetrating into the wood to waterproof and prevent deterioration. It also reduces maintenance requirements on metal forms by forming a rustproof film that makes the metal form essentially self-cleaning and rust-free.

1st CHOICE PREMIUM FORM OIL should be applied to fiber tube forms even though they may be pre-coated. Tubes will strip much easier, even 60 to 90 days later. If tubes are stripped in 5 to 10 days, hand rubbing is greatly facilitated when tubes are coated with 1st CHOICE PREMIUM FORM OIL.

1st CHOICE PREMIUM FORM OIL also cuts machine cleanup time because it minimizes concrete buildup. Pavers, trucks, mixers, spreader-finishers, buggies, chutes, and other types of equipment should be sprayed daily with 1st CHOICE PREMIUM FORM OIL for easy cleanup and rust prevention.

1st CHOICE PREMIUM FORM OIL can be applied on forms for pre-stressed and precast concrete to produce a better and cleaner cast. The product will not stain or discolor concrete.

## PACKAGING

5 Gal. Pails

55 Gal. Drums

## TECHNICAL DATA

**Color:** Green

**Freezing Point:** 10° F

**Staining:** None

## FEATURES

- Pleasant citrus scent.
- Contains no diesel fuel.
- Provides a better and cleaner cast when applied on pre-stressed and precast concrete forms.
- Cuts stripping time to an absolute minimum.
- Reduces form cleaning and repairing.
- Increases wood form life, prevents rust, and rustproofs metal forms.

## ILLINOIS

### Addison

543 S. Rohlwing Rd.  
Addison, IL 60101  
Phone: (630) 627-1000  
Fax: (630) 627-8711

### Bolingbrook

250 E. North Frontage Rd.  
Bolingbrook, IL 60440  
Phone: (630) 739-7770  
Fax: (630) 739-7699

### Chicago

2350 S. Laflin St.  
Chicago, IL 60608  
Phone: (312) 942-9200  
Fax: (312) 421-3502

### Crestwood

4701 West 137th St.  
Crestwood, IL 60445  
Phone: (708) 597-3110  
Fax: (708) 597-9945

### McHenry

4102 W. Crystal Lake Rd.  
McHenry, IL 60050  
Phone: (815) 385-0420  
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### Wauconda

1360 N. Rand Rd.  
Wauconda, IL 60084  
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## INDIANA

### Schererville

1133 Indianapolis Blvd.  
Schererville, IN 46375  
Phone: (219) 865-6545  
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## BENEFITS

- Effectively minimizes concrete build-up on pavers, R/M trucks, mixers, spreader-finishers, buggies, chutes, and other equipment.
- Prevents bonding between poured concrete and form.
- Breaks concrete bond between surface and form cleanly and effectively ... leaves smooth surface.
- Will not stain or discolor concrete and can be painted over.
- Ready to use ... requires no additional mixing.

## APPLICATION

Surface Preparation ... Clean form surfaces thoroughly prior to application. Remove all rust, scale, and/ or previously used form release agents from the forms in accordance with good concrete practices.

Application Method ... Spraying is the ideal method of application. Use a Chapin I-5915 spray tip that produces a flow of 1/10th of one gallon per minute. 1st CHOICE PREMIUM FORM OIL may also be applied by roller coating, mopping, or brushing. A thin film should be applied for maximum economy and efficiency. Runs or puddles need to be brushed out. It is imperative when using new wooden forms of all types (plain wooden, plywood, rough cut, etc.) that 1st CHOICE PREMIUM FORM OIL be applied and reapplied until complete saturation has been accomplished prior to first use. For metal forms, the best results are obtained with a spray-on "fog" application of 1st CHOICE PREMIUM FORM OIL.

## COVERAGE

600 - 1500 ft.<sup>2</sup>/gal., depending on type and porosity of form surface.

Cleanup ... Clean application equipment with soap and water.

## PRECAUTIONS

For exterior use only. DO NOT OVER-APPLY 1st CHOICE PREMIUM FORM OIL TO FORMS AND EQUIPMENT. DO NOT DILUTE. Read and follow all label directions prior to application. Product is an eye, skin and respiratory irritant. Refer to Material Safety Data Sheet for complete health and safety information.

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## 1. IDENTIFICATION

<b>GHS Product Identifier:</b>	McCann 1st Choice Premium Form Oil
<b>Version #:</b>	01
<b>Issue Date:</b>	5/11/2015
<b>Recommended Use:</b>	Concrete Form Release Agent
<b>Recommended Restrictions:</b>	Not Available
<b>Manufacturer:</b>	Right Pointe Company
<b>Manufacturer Address:</b>	234 Harvestore Drive Dekalb, IL 60115 USA
<b>Contact Name:</b>	Philippe Gauthier
<b>Telephone:</b>	815-754-5700
<b>Email:</b>	<a href="mailto:Philippeg@rightpointe.com">Philippeg@rightpointe.com</a>
<b>CHEMTREC:</b>	800-424-9300

## 2. HAZARDS IDENTIFICATION

### GHS Classification

<b>Physical Hazards:</b>	Not Applicable
<b>Health Hazards:</b>	<b>Aspiration Hazard;</b> Possible eye and skin irritant.
<b>Environmental Hazards:</b>	Not classified as an environmental hazard under GHS criteria
<b>Hazard Pictogram(s):</b>	



<b>Storage:</b>	Ensure containers are sealed when not in use.
<b>Disposal:</b>	Dispose of in waste fuel or waste oil recycling vessels.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS #	Percent
Distillates (Petroleum), Hydrotreated Light Napthenic	64742-53-6	75.0 – 95.0 %

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## 4. FIRST AID MEASURES

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### First Aid Procedures

**Eye**

Flush eyes with water for 15 minutes or until irritation subsides. Seek medical attention if irritation develops and persists.

**Skin**

Wash contact areas with soap and water. Seek medical attention if irritation develops and persists. May contribute to acne/folliculitis.

**Inhalation**

Remove afflicted to fresh air. Call a poison center or a doctor/physician if breathing problems occur.

**Ingestion**

Immediately call a poison center or doctor/physician. Do not induce vomiting.

### Notes to Physician:

In case of ingestion, do not induce vomiting. If spontaneous vomiting occurs, keep head below hips to prevent aspiration. If any of the following conditions occur within the next 6 hours, transport to the nearest medical facility: fever greater than 101 °F (38.3 °C), shortness of breath, chest congestion, continuous coughing/wheezing. The onset of respiratory symptoms may be delayed for several hours after exposure. Local necrosis is evidenced by delayed onset of pain and tissue damage a few hours following injection.

### General Advice:

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Discard any shoes or clothing items that cannot be decontaminated.

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## 5. FIRE-FIGHTING MEASURES

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### Flammable Properties:

Not flammable by OSHA criteria, but will combust.

Exposure to fire may cause sealed containers to rupture/explode.

### Extinguishing Media

**Suitable Extinguishing Media:**

Carbon dioxide, dry chemical, foam, low pressure water fog.

**Unsuitable Extinguishing Media:**

High pressure water jet will intensify flame.

### Protection of Firefighters

**Specific Hazards:**

Complete combustion will yield carbon dioxide and/or carbon monoxide including a complex mixture of solid/liquid incomplete combustion particulates.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters' protective clothing will only provide limited protection.

### Precautions/Protective Equipment:

In case of fire and/or explosion do not breathe fumes. In the event of fire, cool containers with water spray. Fire may cause pressurization of sealed containers which may rupture or explode. Keep run-off water out of sewers and water sources. Dike for water control.

### Fire Fighting Equipment/Instructions:

### Specific Methods:

Cool containers with water spray. Maintain distance if sealed containers are exposed to flame.

### Hazardous Combustion Products:

Carbon dioxide and carbon monoxide.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Keep unnecessary personnel away. Ventilate closed spaces before entering them. Do not touch or walk through spilled material.

**Environmental Precautions:** Runoff or release to sewer, waterway, or ground is forbidden.

**Methods for containment:** Dike far ahead of spill for later disposal. Use of an absorbent material to collect runoff is recommended. Collect and dispose of spillage as indicated in section 13 of this MSDS. Never return spills in original containers for re-use.

## 7. HANDLING AND STORAGE

**Handling:** Use local exhaust ventilation if there is risk of inhalation. Avoid prolonged and/or repeated contact with skin. Avoid inhaling vapor/mist. Wear protective clothing to minimize skin/eye exposure to liquids/vapors/mists.

**Storage:** Keep container tightly sealed and in a cool, well-ventilated area. Prevent electrostatic build-up by using common bonding and grounding techniques. Store in a well-ventilated place. Keep the container tightly closed and dry. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Distillates (Petroleum), Hydrotreated Light Napthenic	TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	Gaseous

### Personal Protective Equipment

**Eye/Face Protection:** Wear safety glasses or chemical goggles if splashing is possible. A full face respirator is recommended.

**Skin Protection:** Wear suitable protective clothing and eye/face protection.

**Respiratory Protection:** A full face respirator is recommended for eye protection and respiratory protection when applying product using conventional sprayers.

**General Hygiene Considerations:** Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Transparent green liquid
<b>Physical State:</b>	Liquid
<b>Form:</b>	Liquid
<b>Color:</b>	Green
<b>Odor:</b>	Citrus
<b>Odor Threshold:</b>	Not Established
<b>pH:</b>	Not Applicable
<b>Vapor Pressure:</b>	< 0.5 Pa at 68 °F (20 °C) (estimated)
<b>Vapor Density:</b>	Not Established
<b>Boiling Point:</b>	536 °F (280 °C)
<b>Melting Point/Freezing Point:</b>	Not Established
<b>Solubility (Water):</b>	Insoluble
<b>Specific Gravity:</b>	0.875 - 0.899 g/ml
<b>Density:</b>	7.30 - 7.50 lbs/gal
<b>Flash Point:</b>	338 °F (170 °C)
<b>Flammability Limits (in Air, % Vol.):</b>	1 – 10 % by Volume (estimated)
<b>Auto-Ignition Temperature:</b>	Not Applicable
<b>VOC:</b>	26 g/L
<b>Percent Volatiles:</b>	0 - 10 %
<b>Flammability Class:</b>	Non-Flammable

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability:</b>	Stable
<b>Possibility of Hazardous Reactions:</b>	Reacts with strong oxidizing agents.
<b>Conditions to Avoid:</b>	Extreme temperatures, direct sunlight.
<b>Incompatible Materials:</b>	Incompatible with strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	No known hazardous decomposition products under normal conditions.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Expected Routes of Exposure:</b>	Inhalation. Skin contact.
<b>Chronic Effects:</b>	Repeated exposure may cause accumulation of impurities over time which may cause a variety of health effects. Maintaining minimal direct contact is recommended.
<b>Skin Corrosion/Irritation:</b>	May cause skin irritation.
<b>Serious Eye Damage/Eye Irritation:</b>	May cause eye irritation.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity:</b>	Not Established
<b>Environmental Effects:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Persistence and Degradability:</b>	Not Established
<b>Bioaccumulative potential:</b>	Not Established
<b>Mobility in Soil:</b>	Not Established
<b>Other Adverse Effects:</b>	Not Established

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Methods:</b>	Dispose of contents/container in accordance with local / regional / national / international regulations.
<b>Waste Codes:</b>	Not Applicable

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## 14. TRANSPORT INFORMATION

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<b>Department of Transportation</b>	
<b>Basic Shipping Requirements:</b>	Not regulated as dangerous goods.
<b>Special Precautions:</b>	Not Applicable

**15. REGULATORY INFORMATION**

CERCLA (Superfund) Reportable Quantity: None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard Categories:** Immediate Hazard: No  
 Delayed Hazard: No  
 Fire Hazard: No  
 Pressure Hazard: No  
 Reactivity Hazard: No  
**Section 302:** No  
**Section 311:** No

**Inventory Status**

Country/Region	Inventory Name	On Inventory (Y/N)
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals list (ECL)	Yes
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
USA & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administrated by the governing country(s)



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## 16. OTHER INFORMATION

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### Further Information

#### HMIS® Ratings:

Health: [ 1 ]

Flammability: [ 1 ]

Physical Hazard: [ 0 ]

#### NFPA Ratings:

Health: [ 1 ]

Flammability: [ 1 ]

Instability: [ 0 ]

HMIS® is a registered trade and service mark of the NPCA.

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision Date - This data sheet contains changes from the previous version in section(s):**