

1stChoice

PREMIUM FORM OIL

DATA SHEET



Performance you can count on

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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
Fax: (815) 385-2975

Wauconda

1360 N. Rand Rd.
Wauconda, IL 60084
Phone: (847) 526-9444
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INDIANA

Schererville

1133 Indianapolis Blvd.
Schererville, IN 46375
Phone: (219) 865-6545
Fax: (219) 865-0269

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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.²/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

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

2. HAZARDS IDENTIFICATION

GHS Classification

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



Storage:	Ensure containers are sealed when not in use.
Disposal:	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 %

4. FIRST AID MEASURES

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.

5. FIRE-FIGHTING MEASURES

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.
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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 ³	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Department of Transportation	
Basic Shipping Requirements:	Not regulated as dangerous goods.
Special Precautions:	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)

16. OTHER INFORMATION

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):



SAFETY DATA SHEET

1. Identification

Material name: 1st CHOICE PREMIUM FORM OIL- 55 GL DR **

Material: 179MC 55

Recommended use and restriction on use

Recommended use: Additive

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

EUCLID CHEMICAL COMPANY
19218 REDWOOD ROAD
CLEVELAND OH 44110
US

Contact person:

EH&S Department

Telephone:

216-531-9222

Emergency telephone number:

1-800-424-9300 (US); 1-613-996-6666 (Canada)

2. Hazard(s) identification

Hazard Classification

Not classified

Label Elements

Hazard Symbol: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

Precautionary Statements Not applicable

Hazard(s) not otherwise classified (HNOC):

None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Hydrotreated Oil	64742-54-7	50 - <100%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures**

Ingestion:	Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
Inhalation:	Move to fresh air.
Skin Contact:	Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.
Eye contact:	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

Most important symptoms/effects, acute and delayed

Symptoms: May cause skin and eye irritation.

Indication of immediate medical attention and special treatment needed

Treatment: Symptoms may be delayed.

5. Fire-fighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: No data available.

**Methods and material for containment and cleaning up:**

Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

Notification Procedures:

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental Precautions:

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and storage**Precautions for safe handling:**

Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities:

Store away from incompatible materials. Store in original tightly closed container.

8. Exposure controls/personal protection**Control Parameters****Occupational Exposure Limits**

Chemical Identity	Type	Exposure Limit Values	Source
Hydrotreated Oil - Inhalable fraction.	TWA	5 mg/m ³	US. ACGIH Threshold Limit Values (03 2014)
Hydrotreated Oil - Mist.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (01 2017)

Chemical name	Type	Exposure Limit Values	Source
Hydrotreated Oil - Mist.	TWA	1 mg/m ³	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
Hydrotreated Oil - Inhalable fraction.	TWA	5 mg/m ³	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)
	TWA	5 mg/m ³	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)
Hydrotreated Oil - Mist.	TWA	5 mg/m ³	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)
	STEL	10 mg/m ³	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)



Chemical name	Type	Exposure Limit Values	Source
Hydrotreated Oil - Mist.	TWA	1 mg/m ³	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
Hydrotreated Oil - Inhalable fraction.	TWA	5 mg/m ³	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)
	TWA	5 mg/m ³	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015)
Hydrotreated Oil - Mist.	TWA	5 mg/m ³	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)
	STEL	10 mg/m ³	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)

Appropriate Engineering Controls

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

Individual protection measures, such as personal protective equipment**General information:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances, such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

Eye/face protection:

Wear safety glasses with side shields (or goggles).

Skin Protection**Hand Protection:**

Use suitable protective gloves if risk of skin contact.

Other:

Wear suitable protective clothing.

Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures:

Observe good industrial hygiene practices.

9. Physical and chemical properties**Appearance****Physical state:**

liquid

Form:

liquid

Color:

Amber

Odor:

Mild

Odor threshold:

No data available.

pH:

5

Melting point/freezing point:

No data available.

Initial boiling point and boiling range:

No data available.



Flash Point:	No data available.
Evaporation rate:	Slower than Ether
Flammability (solid, gas):	No
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	Vapors are heavier than air and may travel along the floor and in the bottom of containers.
Relative density:	0.85
Solubility(ies)	
Solubility in water:	Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	< 20.5 mm ² /s (40 °C 104 °F)

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Avoid heat or contamination.
Incompatible Materials:	Strong acids. Strong bases.
Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
Skin Contact:	May be harmful in contact with skin.
Eye contact:	Eye contact is possible and should be avoided.
Ingestion:	May be ingested by accident. Ingestion may cause irritation and malaise.

**Symptoms related to the physical, chemical and toxicological characteristics**

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.

Information on toxicological effects**Acute toxicity (list all possible routes of exposure)****Oral**

Product: Not classified for acute toxicity based on available data.

Specified substance(s):
Hydrotreated Oil LD 50 (Rat): > 5,000 mg/kg

Dermal

Product: Not classified for acute toxicity based on available data.

Specified substance(s):
Hydrotreated Oil LD 50 (Rabbit): > 2,000 mg/kg

Inhalation

Product: Not classified for acute toxicity based on available data.

Specified substance(s):
Hydrotreated Oil LC 50 (Rat): 9.6 mg/l

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Specified substance(s):
Hydrotreated Oil in vivo (Rabbit): Not irritant Experimental result, Key study

Serious Eye Damage/Eye Irritation

Product: No data available.

Specified substance(s):



Hydrotreated Oil Rabbit, 24 hrs: Not irritating

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects: No data available.



12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Chronic hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Toxicity to Aquatic Plants
Product: No data available.

Persistence and Degradability

Biodegradation
Product: No data available.

BOD/COD Ratio
Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)
Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

13. Disposal considerations



Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated Packaging: No data available.

14. Transport information

TDG:

Not Regulated

CFR / DOT:

Not Regulated

IMDG:

Not Regulated

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Not classified

Not classified

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

None present or none present in regulated quantities.



SARA 311/312 Hazardous Chemical

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Hydrotreated Oil	10000 lbs

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

<u>Chemical Identity</u>
Hydrotreated Oil

US. Massachusetts RTK - Substance List

<u>Chemical Identity</u>
Hydrotreated Oil

US. Pennsylvania RTK - Hazardous Substances

<u>Chemical Identity</u>
Hydrotreated Oil

US. Rhode Island RTK

<u>Chemical Identity</u>
Hydrotreated Oil

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

VOC:



EUCLID CHEMICAL

Version: 4.0
Revision Date: 08/17/2018

Regulatory VOC (less water and
exempt solvent) : 0 g/l
VOC Method 310 : 0.00 %

**Inventory Status:**

Australia AICS:	All components in this product are listed on or exempt from the Inventory.
Canada DSL Inventory List:	All components in this product are listed on or exempt from the Inventory.
EINECS, ELINCS or NLP:	All components in this product are listed on or exempt from the Inventory.
Japan (ENCS) List:	One or more components in this product are not listed on or exempt from the Inventory.
China Inv. Existing Chemical Substances:	All components in this product are listed on or exempt from the Inventory.
Korea Existing Chemicals Inv. (KECI):	All components in this product are listed on or exempt from the Inventory.
Canada NDSL Inventory:	One or more components in this product are not listed on or exempt from the Inventory.
Philippines PICCS:	All components in this product are listed on or exempt from the Inventory.
US TSCA Inventory:	All components in this product are listed on or exempt from the Inventory.
New Zealand Inventory of Chemicals:	All components in this product are listed on or exempt from the Inventory.
Japan ISHL Listing:	One or more components in this product are not listed on or exempt from the Inventory.
Japan Pharmacopoeia Listing:	One or more components in this product are not listed on or exempt from the Inventory.
Mexico INSQ:	One or more components in this product are not listed on or exempt from the Inventory.
Ontario Inventory:	One or more components in this product are not listed on or exempt from the Inventory.
Taiwan Chemical Substance Inventory:	One or more components in this product are not listed on or exempt from the Inventory.



EUCLID CHEMICAL

Version: 4.0
Revision Date: 08/17/2018

16. Other information, including date of preparation or last revision
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Revision Date: 08/17/2018

Version #: 4.0

Further Information: No data available.

Disclaimer: For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.