



OIL COMPANY, INC.

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** Crystal Plus 70T

**Revision date** 09-15-2012

**CAS #** 8042-47-5

**Manufacturer information** STE Oil Company  
 2001 Clovis Barker • San Marcos, TX 78666  
 www.steoil.com

Technical Services 800-967-1931  
 CHEMTREC International 800-424-9300

## 2. Hazards Identification

**OSHA regulatory status** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

**Potential environmental effects** Ecological injuries are not known or expected under normal use.

## 3. Composition / Information on Ingredients

Non-hazardous components	CAS #	Percent
White mineral oil	8042-47-5	100

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Product is non-irritating.

**Skin contact** Product is non-irritating.

**Inhalation** Not applicable.

**Ingestion** Not applicable.

## 5. Fire Fighting Measures

**Extinguishing media**

**Suitable extinguishing media** Water fog. Foam. Carbon dioxide (CO2). Dry chemicals.

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

### Protection of firefighters

**Protective equipment and precautions for firefighters** Wear suitable protective equipment.

**Fire fighting equipment/instructions** Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray.

## 6. Accidental Release Measures

**Personal precautions** Keep unnecessary personnel away.

**Methods for containment** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

## Methods for cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Scrub the area with detergent and water.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.

## 7. Handling and Storage

### Handling

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Avoid prolonged exposure.

### Storage

Keep away from heat and sources of ignition. Store in a well-ventilated place. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children. Use care in handling/storage.

## 8. Exposure Controls / Personal Protection

### Personal protective equipment

#### Eye / face protection

Do not get in eyes. Chemical goggles are recommended.

#### Skin protection

Wear appropriate chemical resistant clothing. Chemical resistant gloves.

#### General hygiene considerations

Do not get in eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

### Appearance

Product is water-white to pale straw liquid.

### Physical state

Liquid.

### Form

Liquid.

### Color

clear, pale straw to water white

### Odor

None.

### Specific gravity

0.8555

### Auto-ignition temperature

590 °F (310 °C) estimated

### Viscosity

77 SUS ASTM D2161

### Viscosity temperature

100 °F (37.8 °C)

### Other data

#### Density

0.8493 g/cm<sup>3</sup>

#### Kinematic viscosity

< 16.02 mm<sup>2</sup>/s ASTM D445

#### Kinematic viscosity temp

104 °F (40 °C)

## 10. Chemical Stability & Reactivity Information

### Chemical stability

Material is stable under normal conditions.

### Conditions to avoid

Heat, flames and sparks. Avoid temperatures exceeding the flash point.

### Incompatible materials

Not available.

### Hazardous decomposition products

Not available.

## 11. Toxicological Information

### Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

### Skin corrosion/irritation

Product is non-irritating.

## 12. Ecological Information

### Ecotoxicity

This product has no known eco-toxicological effects.

### Persistence and degradability

Not available.

### 13. Disposal Considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport Information

#### DOT NON-BULK

Not regulated as dangerous goods.

#### DOT BULK

Not regulated as dangerous goods.

### 15. Regulatory Information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

#### **Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))**

Not regulated

#### **DEA Essential Chemical Code Number**

Not regulated

#### **Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Not regulated

#### **DEA Exempt Chemical Mixtures Code Number**

Not regulated

#### **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 extremely hazardous substance** No

**Section 311 hazardous chemical** No

#### **Inventory status**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
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)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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

**State regulations**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**16. Other Information****Further information**

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

**HMIS® ratings**

Health: 0  
Flammability: 1  
Physical hazard: 0

**NFPA ratings**

Health: 0  
Flammability: 1  
Instability: 0

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available.

**Issue date**

09-15-2012

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

Product and Company Identification: Product Codes  
First Aid Measures: Eye contact  
First Aid Measures: Skin contact  
First Aid Measures: Inhalation  
First Aid Measures: Ingestion  
First Aid Measures: Notes to physician  
First Aid Measures: General advice  
Physical & Chemical Properties: Multiple Properties  
Physical & Chemical Properties: Appearance  
Physical & Chemical Properties: Color  
Toxicological Information: Skin corrosion/irritation