



## SAFETY DATA SHEET

# RECTORSEAL® DARK CUTTING OIL

Low rpm machine thread cutting oil

### SECTION 1 – PRODUCT AND COMPANY INFORMATION

**Product Name**

RectorSeal® Premium Thread Cutting Oil, Dark

**Product Codes**

93111, 93192, 93272, 93392, 94111, 94192, 94272, 94392

**Chemical Family**

Organic

**Use**

Cutting oil

**Manufacturer's Name**

The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, Texas 77055 USA

**Date of Validation**

January 23, 2015

**Date of Preparation**

October 11, 2012

**HMIS Codes**

Health	1
Flammability	1
Reactivity	0
PPI	B

**Emergency Telephone No.**

Chemtrec 24 Hours  
(800)-424-9300 USA  
(703)-527-3887 International

**Technical Service Telephone No.**

(800)-231-3345 or (713)-263-8001

### SECTION 2 – HAZARDS IDENTIFICATION

#### GHS CLASSIFICATION

**Physical Hazards:**

None

**Health Hazards**

**Acute Toxicity:**

Oral: Not Classified  
Dermal: Not Classified  
Inhalation: Not Classified  
Skin Corrosion/Irritation: Not Classified  
Serious Eye Damage/Eye Irritation: Not Classified  
Respiratory or Skin Sensitization: Not Classified  
Germ Cell Mutagenicity: Not Classified  
Carcinogenicity: Not Classified  
Reproductive Toxicology: Not Classified

# RECTORSEAL® DARK CUTTING OIL

Target Organ Systemic Toxicity - Single Exposure: Not Classified  
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

## GHS Label elements, including precautionary statements



GHS08: Aspiration Toxicity/Health Hazard

Signal Word: **Warning**

Hazard statement(s)

H320 - Causes eye irritation.

H361 - Suspected of damaging fertility or the unborn child.

Precautionary statement(s)

P281 - Use personal protective equipment as required.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## Summary Of Acute Hazards

None known.

## Route Of Exposure, Signs And Symptoms

INHALATION

None known.

EYE CONTACT

Irritation, watering may occur.

SKIN CONTACT

None known.

INGESTION

May cause nausea and vomiting. Not expected to produce toxic effects.

SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient:</b>	Base Oil
Percentage By Weight:	> 99
CAS Number:	64742-53-6
EC#:	265-156-6

# RECTORSEAL® DARK CUTTING OIL

## SECTION 4 – FIRST AID MEASURES

- If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of breathing difficulties administer oxygen. In case of irregular breathing or respiratory arrest provide artificial respiration. If medical advice is needed, have product container or label at hand.
- If on skin: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Rinse thoroughly with plenty of water for at least 20 minutes and take medical advice. If medical advice is needed, have product container or label at hand.
- If in eyes: Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Seek immediate medical advice. If medical advice is needed, have product container or label at hand.
- If swallowed: Do not induce vomiting: seek medical advice immediately and show this container label. If swallowed, rinse mouth with water (only if the person is conscious). Drink plenty of water.

### Most important symptoms and effects, both acute and delayed:

- Symptoms/injuries after inhalation: Harmful by inhalation. Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
- Symptoms/injuries after skin contact: Slightly irritating to skin. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.
- Symptoms/injuries after eye contact: Slightly irritating to eyes.
- Symptoms/injuries after ingestion: Nausea.

Indication of any immediate medical attention and special treatment needed treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

### Extinguishing Media

Foam, dry chemical, carbon dioxide or water fog.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus (SCBA) and other protective clothing.

**Unusual Fire And Explosion Hazards:** None known.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Keep people away. Wear chemical protective clothing. Sweep up and place in an appropriate chemical waste container for disposal.

# RECTORSEAL® DARK CUTTING OIL

## SECTION 7 – HANDLING AND STORAGE

**Precautions To Be Taken In Handling And Storing:** Keep container closed and upright when not in use.

**Other Precautions:** Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

KEEP OUT OF REACH OF CHILDREN.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection (Specify Type):** None required.

**Ventilation – Local Exhaust:** N/A

**Special:** N/A

**Mechanical (General):** N/A

**Other:** N/A

**Protective Gloves:** Wear rubber gloves.

**Eye Protection:** Safety glasses (ANSI Z-87.1 or equivalent)

**Other Protective Clothing Or Equipment:** Coveralls recommended.

**Work/Hygienic Practices:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	> 500°F (260°C) @ 760 mmHg
Specific gravity (H <sub>2</sub> O = 1):	0.92
Vapor pressure (mmHg):	N/D
Melting point:	N/A
Vapor Density (Air = 1):	N/D
Evaporation rate (Ethyl Acetate = 1):	N/A
Appearance/Odor:	Amber/Mild petroleum odor
Solubility in water:	Insoluble
Volatile Organic Compounds (VOC) Content (theoretical percentage by weight):	0% or (0 g/L)
Flash point:	> 284°F (140°C) SETA CC
Lower explosion limit:	N/D
Upper explosion limit:	N/D

# RECTORSEAL® DARK CUTTING OIL

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions To Avoid:** None known.

**Incompatibility (Materials To Avoid):** None known.

**Hazardous Decomposition Products:** CO, CO<sub>2</sub> and fragmented hydrocarbons.

**Hazardous Polymerization:** Will not occur.

## SECTION 11 – TOXICOLOGY INFORMATION

### Chronic Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Toxicology Data

Ingredient Name

**Base Oil**

Oral-Rat LD50: N/D

Inhalation-Human LC50: N/D

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecological Data

Ingredient Name:	<b>Base Oil</b>
Food Chain Concentration Potential	N/A
Waterfowl Toxicity	N/A
BOD	N/A
Aquatic Toxicity	N/A

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Classification:** Non-regulated waste oil

**Disposal Method:** Used oil recycler

Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with federal, state, and local regulation regarding pollution.

# RECTORSEAL® DARK CUTTING OIL

## SECTION 14 – TRANSPORTATION INFORMATION

DOT:	Non-regulated
Ocean (IMDG):	Non-regulated
Air (IATA):	Non-regulated
WHMIS (Canada):	Non-regulated

## SECTION 15 – REGULATORY INFORMATION

### Regulatory Data

Ingredient Name:	<b>Base Oil</b>
SARA 313	N/A
TSCA Inventory	All components listed
CERCLA RQ	N/A
RCRA Code	N/A

## SECTION 16 – OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made.

Consult RectorSeal for further information: (713) 263-8001



## SAFETY DATA SHEET

# RECTORSEAL® DARK CUTTING OIL

Low rpm machine thread cutting oil

### SECTION 1 – PRODUCT AND COMPANY INFORMATION

**Product Name**

RectorSeal® Premium Thread Cutting Oil, Dark

**Product Codes**

93111, 93192, 93272, 93392, 94111, 94192, 94272, 94392

**Chemical Family**

Organic

**Use**

Cutting oil

**Manufacturer's Name**

The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, Texas 77055 USA

**Date of Validation**

January 23, 2015

**Date of Preparation**

October 11, 2012

**HMIS Codes**

Health	1
Flammability	1
Reactivity	0
PPI	B

**Emergency Telephone No.**

Chemtrec 24 Hours  
(800)-424-9300 USA  
(703)-527-3887 International

**Technical Service Telephone No.**

(800)-231-3345 or (713)-263-8001

### SECTION 2 – HAZARDS IDENTIFICATION

#### GHS CLASSIFICATION

**Physical Hazards:**

None

**Health Hazards**

**Acute Toxicity:**

Oral: Not Classified  
Dermal: Not Classified  
Inhalation: Not Classified  
Skin Corrosion/Irritation: Not Classified  
Serious Eye Damage/Eye Irritation: Not Classified  
Respiratory or Skin Sensitization: Not Classified  
Germ Cell Mutagenicity: Not Classified  
Carcinogenicity: Not Classified  
Reproductive Toxicology: Not Classified

# RECTORSEAL® DARK CUTTING OIL

Target Organ Systemic Toxicity - Single Exposure: Not Classified  
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

## GHS Label elements, including precautionary statements



GHS08: Aspiration Toxicity/Health Hazard

Signal Word: **Warning**

### Hazard statement(s)

H320 - Causes eye irritation.

H361 - Suspected of damaging fertility or the unborn child.

### Precautionary statement(s)

P281 - Use personal protective equipment as required.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## Summary Of Acute Hazards

None known.

## Route Of Exposure, Signs And Symptoms

### INHALATION

None known.

### EYE CONTACT

Irritation, watering may occur.

### SKIN CONTACT

None known.

### INGESTION

May cause nausea and vomiting. Not expected to produce toxic effects.

### SUMMARY OF CHRONIC HAZARDS

None known.

### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient:</b>	Base Oil
Percentage By Weight:	> 99
CAS Number:	64742-53-6
EC#:	265-156-6



# RECTORSEAL® DARK CUTTING OIL

## SECTION 4 – FIRST AID MEASURES

- If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of breathing difficulties administer oxygen. In case of irregular breathing or respiratory arrest provide artificial respiration. If medical advice is needed, have product container or label at hand.
- If on skin: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Rinse thoroughly with plenty of water for at least 20 minutes and take medical advice. If medical advice is needed, have product container or label at hand.
- If in eyes: Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Seek immediate medical advice. If medical advice is needed, have product container or label at hand.
- If swallowed: Do not induce vomiting: seek medical advice immediately and show this container label. If swallowed, rinse mouth with water (only if the person is conscious). Drink plenty of water.

### Most important symptoms and effects, both acute and delayed:

- Symptoms/injuries after inhalation: Harmful by inhalation. Inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.
- Symptoms/injuries after skin contact: Slightly irritating to skin. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.
- Symptoms/injuries after eye contact: Slightly irritating to eyes.
- Symptoms/injuries after ingestion: Nausea.

Indication of any immediate medical attention and special treatment needed treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

### Extinguishing Media

Foam, dry chemical, carbon dioxide or water fog.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus (SCBA) and other protective clothing.

**Unusual Fire And Explosion Hazards:** None known.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Keep people away. Wear chemical protective clothing. Sweep up and place in an appropriate chemical waste container for disposal.

# RECTORSEAL® DARK CUTTING OIL

## SECTION 7 – HANDLING AND STORAGE

**Precautions To Be Taken In Handling And Storing:** Keep container closed and upright when not in use.

**Other Precautions:** Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

KEEP OUT OF REACH OF CHILDREN.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection (Specify Type):** None required.

**Ventilation – Local Exhaust:** N/A

**Special:** N/A

**Mechanical (General):** N/A

**Other:** N/A

**Protective Gloves:** Wear rubber gloves.

**Eye Protection:** Safety glasses (ANSI Z-87.1 or equivalent)

**Other Protective Clothing Or Equipment:** Coveralls recommended.

**Work/Hygienic Practices:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	> 500°F (260°C) @ 760 mmHg
Specific gravity (H <sub>2</sub> O = 1):	0.92
Vapor pressure (mmHg):	N/D
Melting point:	N/A
Vapor Density (Air = 1):	N/D
Evaporation rate (Ethyl Acetate = 1):	N/A
Appearance/Odor:	Amber/Mild petroleum odor
Solubility in water:	Insoluble
Volatile Organic Compounds (VOC) Content (theoretical percentage by weight):	0% or (0 g/L)
Flash point:	> 284°F (140°C) SETA CC
Lower explosion limit:	N/D
Upper explosion limit:	N/D

# RECTORSEAL® DARK CUTTING OIL

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions To Avoid:** None known.

**Incompatibility (Materials To Avoid):** None known.

**Hazardous Decomposition Products:** CO, CO<sub>2</sub> and fragmented hydrocarbons.

**Hazardous Polymerization:** Will not occur.

## SECTION 11 – TOXICOLOGY INFORMATION

### Chronic Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

### Toxicology Data

#### Ingredient Name

##### Base Oil

Oral-Rat LD50: N/D

Inhalation-Human LC50: N/D

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecological Data

Ingredient Name:	<b>Base Oil</b>
Food Chain Concentration Potential	N/A
Waterfowl Toxicity	N/A
BOD	N/A
Aquatic Toxicity	N/A

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Classification:** Non-regulated waste oil

**Disposal Method:** Used oil recycler

Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with federal, state, and local regulation regarding pollution.

# RECTORSEAL® DARK CUTTING OIL

## SECTION 14 – TRANSPORTATION INFORMATION

DOT:	Non-regulated
Ocean (IMDG):	Non-regulated
Air (IATA):	Non-regulated
WHMIS (Canada):	Non-regulated

## SECTION 15 – REGULATORY INFORMATION

### Regulatory Data

Ingredient Name:	<b>Base Oil</b>
SARA 313	N/A
TSCA Inventory	All components listed
CERCLA RQ	N/A
RCRA Code	N/A

## SECTION 16 – OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made.

Consult RectorSeal for further information: (713) 263-8001