



# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Issue: 08/22/2019

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Pro Star Super Premium 4 Stroke Outboard Oil 10W30

**Product Code:** 281XX

#### Intended Use of the Product

Lubricant

#### Name, Address, and Telephone of the Responsible Party

##### **Company**

Star brite® Inc.

4041 SW 47<sup>th</sup> Avenue

Fort Lauderdale, FL 33314

(800) 327-8583

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

#### Emergency Telephone Number

**Emergency Number** : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### **GHS-US/CA Classification**

Eye Irrit. 2A H319

Asp. Tox. 1 H304

Full text of hazard classes and H-statements : see section 16

#### Label Elements

##### **GHS-US/CA Labeling**

##### **Hazard Pictograms (GHS-US/CA)**



##### **Signal Word (GHS-US/CA)**

: Danger

##### **Hazard Statements (GHS-US/CA)**

: H304 - May be fatal if swallowed and enters airways.  
H319 - Causes serious eye irritation.

##### **Precautionary Statements (GHS-US/CA)**

: P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331 - Do NOT induce vomiting.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

#### Other Hazards

At elevated temperatures this product will cause thermal burns and may release small amounts of hydrogen sulfide upon decomposition. Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

#### Unknown Acute Toxicity (GHS-US/CA)

No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### Mixture

| Name  | Synonyms  | Product Identifier   | % *        | GHS Ingredient Classification   |
|---|---|----------------------|------------|---|
| Distillates, petroleum, hydrotreated heavy paraffinic**                       | Petroleum distillates, hydrotreated heavy paraffinic / Distillates (petroleum), hydrotreated heavy paraffinic / Paraffin oil / Distillates (petroleum) hydrotreated heavy paraffinic / Distillates, petroleum, hydrotreated heavy paraffinic (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20-50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.) / Heavy paraffinic hydrotreated distillate  | (CAS-No.) 64742-54-7 | 15 - 40    | Asp. Tox. 1, H304   |
| Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts, overbased | Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salt overbased   | (CAS-No.) 70024-71-4 | 0.45 - 0.9 | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319  |
| Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)**       | O,O-Bis(1,3-dimethylbutyl)dithiophosphate zinc salt / 2-Pentanol, 4-methyl-, hydrogen phosphorodithioate, zinc salt / Phosphorodithioic acid, O,O-bis(1,3-dimethylbutyl) ester, zinc salt / Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate) / Zinc O,O-di(1,3-dimethylbutyl)phosphorodithioate / Zinc, bis[O,O-bis(1,3-dimethylbutyl)phosphorodithioato-S,S']-, (T-4) / Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-.kappa.S,.kappa.S']-, (T-4) / Zinc bis(1,3-dimethylbutyl)phosphorodithioate / Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4) / Zinc, bis[O,O-bis(1,3-dimethylbutyl)phosphorodithioato-.kappa.S,.kappa.S']-, (T-4) / Phosphorodithioic acid, O,O-bis(1,3-dimethylbutyl) ester, zinc salts / 4-Methyl-2-pentanol hydrogen | (CAS-No.) 2215-35-2  | 0.1 - 1    | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |

# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

|   |   |                       |             |   |
|---|---|-----------------------|-------------|---|
| Butanedioic acid, (tetrapropenyl)-  | phosphorodithioate zinc salt<br>Succinic acid,<br>(tetrapropenyl)- /<br>(Tetrapropenyl)succinic acid<br>/ Butanedioic acid, 2-<br>(tetrapropenyl)- / 2-<br>Dodecylsuccinic acid | (CAS-No.) 27859-58-1  | 0.09 - 0.45 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412                          |
| Phosphorodithioic acid, mixed O,O-bis(sec-butyl and isoocetyl) esters, zinc salts** | Phosphorodithioic acid,<br>mixed O,O-bis(sec-butyl and<br>isoocetyl) esters, zinc salt  | (CAS-No.) 113706-15-3 | 0.1 - 1     | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |

Full text of H-phrases: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

\*\* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

## SECTION 4: FIRST AID MEASURES

### Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Immediately drench affected area with water for at least 15 minutes. Remove contaminated clothing. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes serious eye irritation. May be fatal if swallowed and enters airways.

**Inhalation:** Prolonged exposure may cause irritation. If this material is overheated, especially in the presence of water, hydrogen sulfide may be released; this can cause irritation, rapid respiratory collapse, coma and death without warning odor being sensed.

**Skin Contact:** Prolonged exposure may cause skin irritation. Contact with hot liquid may cause thermal burns.

**Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva. Contact with hot liquid may cause thermal burns.

**Ingestion:** Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

**Chronic Symptoms:** None known.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions. When heated to decomposition, emits toxic and flammable fumes.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Hydrocarbons. Sulfur oxides. Metal oxides. Phosphorus oxides. Zinc oxides. Aldehydes. Smoke. Unidentified organic compounds.

### Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all contact with skin, eyes, and clothing. Avoid breathing (vapor, mist, spray).

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** This product contains Zinc Dialkyl DithioPhosphate (ZDDP), a thermally sensitive substance. Higher temperatures can result in exothermic decomposition of the ZDDP leading to the release of highly toxic hydrogen sulfide and possibly extremely odorous alkyl mercaptans. Alkyl mercaptans can be smelled at extremely low concentrations. These decomposition vapors are flammable and can ignite when mixed with air in the presence of ignition sources such as sparks or flames. When heated, product temperature should be constantly monitored. Do not reheat above the maximum loading temperature, product should be stored below the recommended maximum loading / unloading temperature to avoid degradation of product quality and decomposition. Extreme caution must be used in tank gauging or similar operations as overheating could lead to accumulation of harmful/lethal concentrations of hydrogen sulfide in the head-space of containers. If this material is overheated, especially in the presence of water, hydrogen sulfide may be released; this can cause irritation, rapid respiratory collapse, coma and death without warning odor being sensed.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, spray. Use appropriate personal protective equipment (PPE).

**Handling Temperature:** < 60 °C

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a dry, cool place. Store locked up/in a secure area.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Water. Polyvinylchloride (PVC). Strong reducing agents.

### Specific End Use(s)

Lubricant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal Hazard Protection:** When working with hot material, use suitable thermally protective clothing.

**Environmental Exposure Controls:** Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|  |                      |
|--|----------------------|
| Physical State                         | : Liquid             |
| Appearance                             | : Amber              |
| Odor                                   | : Characteristic     |
| Odor Threshold                         | : Not available      |
| pH                                     | : Not available      |
| Evaporation Rate                       | : Not available      |
| Melting Point                          | : Not available      |
| Freezing Point                         | : Not available      |
| Boiling Point                          | : > 100 °C (212 °F)  |
| Flash Point                            | : > 100 °C (212 °F)  |
| Auto-ignition Temperature              | : Not available      |
| Decomposition Temperature              | : Not available      |
| Flammability (solid, gas)              | : Not applicable     |
| Lower Flammable Limit                  | : Not available      |
| Upper Flammable Limit                  | : Not available      |
| Vapor Pressure                         | : Not available      |
| Relative Vapor Density at 20°C         | : Not available      |
| Relative Density                       | : Not available      |
| Specific Gravity                       | : 0.865              |
| Solubility                             | : Water: Not soluble |
| Partition Coefficient: N-Octanol/Water | : Not available      |
| Viscosity                              | : 12.2 cSt           |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions. When heated to decomposition, emits toxic and flammable fumes.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials. Overheating.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Water. Polyvinylchloride (PVC). Strong reducing agents.

# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

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**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Hydrogen sulfide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified

**Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified (The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.)

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation. If this material is overheated, especially in the presence of water, hydrogen sulfide may be released; this can cause irritation, rapid respiratory collapse, coma and death without warning odor being sensed.

**Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation. Contact with hot liquid may cause thermal burns.

**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva. . Contact with hot liquid may cause thermal burns.

**Symptoms/Injuries After Ingestion:** Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

**Chronic Symptoms:** None known.

### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

|   |                            |
|---|----------------------------|
| <b>Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)</b>                         |                            |
| LD50 Oral Rat   | > 15 g/kg                  |
| LD50 Dermal Rabbit  | > 5000 mg/kg               |
| <b>Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts, overbased (70024-71-4)</b> |                            |
| LD50 Oral Rat   | > 2000 mg/kg               |
| LD50 Dermal Rat   | > 2000 mg/kg               |
| <b>Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)</b>         |                            |
| LD50 Oral Rat   | 2000 - 5000 mg/kg          |
| LD50 Dermal Rabbit  | > 3160 mg/kg               |
| ATE US/CA (oral)  | 2,000.00 mg/kg body weight |

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Not classified.

|   |   |
|---|---|
| <b>Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)</b>                         |   |
| LC50 Fish 1   | > 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)              |
| EC50 Daphnia 1  | > 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)                    |
| <b>Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts, overbased (70024-71-4)</b> |   |
| LC50 Fish 1   | > 10000 mg/kg (Exposure time: 96 h - Species: Cyprinodon variegatus)          |
| <b>Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)</b>         |   |
| LC50 Fish 1   | > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static]) |
| EC50 Daphnia 1  | 4.0 - 6.0 mg/l (Exposure time: 48 h - Species: Daphnia magna)                 |

# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

|             |  |
|-------------|--|
| LC50 Fish 2 | 25 - 50 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
|-------------|--|

### Persistence and Degradability

|  |                  |
|--|------------------|
| Pro Star Super Premium 4 Stroke Outboard Oil 10W30 |                  |
| Persistence and Degradability                      | Not established. |

### Bioaccumulative Potential

|  |                  |
|--|------------------|
| Pro Star Super Premium 4 Stroke Outboard Oil 10W30 |                  |
| Bioaccumulative Potential                          | Not established. |

### Mobility in Soil

|  |                  |
|--|------------------|
| Pro Star Super Premium 4 Stroke Outboard Oil 10W30 |                  |
| Ecology - Soil                                     | Not established. |

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

**In Accordance with DOT** Not regulated for transport

**In Accordance with IMDG** Not regulated for transport

**In Accordance with IATA** Not regulated for transport

**In Accordance with TDG** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

|   |   |
|---|---|
| Pro Star Super Premium 4 Stroke Outboard Oil 10W30  |   |
| SARA Section 311/312 Hazard Classes   | Health hazard - Serious eye damage or eye irritation<br>Health hazard - Aspiration hazard         |
| <b>Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)</b>                             |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                             |   |
| <b>Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts, overbased (70024-71-4)</b>     |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                             |   |
| <b>Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)</b>             |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                             |   |
| <b>Phosphorodithioic acid, mixed O,O-bis(sec-butyl and isooctyl) esters, zinc salts (113706-15-3)</b> |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                             |   |
| EPA TSCA Regulatory Flag  | PMN - PMN - indicates a commenced PMN substance.  |
| <b>Butanedioic acid, (tetrapropenyl)- (27859-58-1)</b>  |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                             |   |
| EPA TSCA Regulatory Flag  | TP - TP - indicates a substance that is the subject of a proposed Section 4 test rule under TSCA. |

### US State Regulations

|   |  |
|---|--|
| <b>Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)</b>                             |  |
| U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups |  |
| U.S. - Texas - Effects Screening Levels - Long Term   |  |
| U.S. - Texas - Effects Screening Levels - Short Term  |  |
| <b>Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)</b>             |  |
| U.S. - Maine - Chemicals of Concern   |  |

# Pro Star Super Premium 4 Stroke Outboard Oil 10W30

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

U.S. - Minnesota - Chemicals of High Concern  
 U.S. - Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins  
 U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups  
 U.S. - Texas - Effects Screening Levels - Long Term  
 U.S. - Texas - Effects Screening Levels - Short Term

### Butanedioic acid, (tetrapropenyl)- (27859-58-1)

U.S. - Texas - Effects Screening Levels - Long Term  
 U.S. - Texas - Effects Screening Levels - Short Term

### Canadian Regulations

#### Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

#### Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts, overbased (70024-71-4)

Listed on the Canadian DSL (Domestic Substances List)

#### Zinc, bis[O,O-bis(1,3-dimethylbutyl) phosphorodithioato-S,S']-, (T-4)- (2215-35-2)

Listed on the Canadian DSL (Domestic Substances List)

#### Phosphorodithioic acid, mixed O,O-bis(sec-butyl and isooctyl) esters, zinc salts (113706-15-3)

Listed on the Canadian DSL (Domestic Substances List)

### Butanedioic acid, (tetrapropenyl)- (27859-58-1)

Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest Revision** : 08/22/2019

### Revision

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

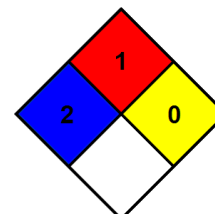
### GHS Full Text Phrases:

|                   |  |
|-------------------|--|
| Aquatic Acute 2   | Hazardous to the aquatic environment - Acute Hazard Category 2   |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Asp. Tox. 1       | Aspiration hazard Category 1                                     |
| Eye Dam. 1        | Serious eye damage/eye irritation Category 1                     |
| Eye Irrit. 2A     | Serious eye damage/eye irritation Category 2A                    |
| Skin Irrit. 2     | Skin corrosion/irritation Category 2                             |
| H304              | May be fatal if swallowed and enters airways                     |
| H315              | Causes skin irritation   |
| H318              | Causes serious eye damage  |
| H319              | Causes serious eye irritation                                    |
| H401              | Toxic to aquatic life  |
| H411              | Toxic to aquatic life with long lasting effects                  |
| H412              | Harmful to aquatic life with long lasting effects                |

**NFPA Health Hazard** : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

**NFPA Fire Hazard** : 1 - Materials that must be preheated before ignition can occur.

**NFPA Reactivity Hazard** : 0 - Material that in themselves are normally stable, even under fire conditions.





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## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS 2015 (Can, US)