# Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 01/14/2016  
Date of issue: 01/14/2016  
Version: 1.0

## SECTION 1: IDENTIFICATION

**Product Identifier**

**Product Form:** Mixture  
**Product Name:** Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease  
**Product Code:** 261XX

**Intended Use of the Product**

Lubricant

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

Starbrite® Inc.  
4041 SW 47th Avenue  
Fort Lauderdale, FL 33314  
(954)587-6280  
[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 classification**

Skin Sens. 1  
H317

Full text of H-phrases: see section 16

**Label Elements**

**GHS-US Labeling**

**Hazard Pictograms (GHS-US)**

![Warning]

**Signal Word (GHS-US)**

Warning

**Hazard Statements (GHS-US)**

H317 - May cause an allergic skin reaction.

**Precautionary Statements (GHS-US)**

P261 - Avoid breathing vapors, mist, or spray.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P302+P352 - If on skin: Wash with plenty of water.  
P321 - Specific treatment (see section 4 on this SDS).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P363 - Wash contaminated clothing before reuse.  
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

### Other Hazards

**Aquatic Acute 2  H401**

H401 - Toxic to aquatic life

P273 - Avoid release to the environment.

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. This material or its emissions may defat skin, cause contact dermatitis, or aggravate existing skin disease.

**Unknown Acute Toxicity (GHS-US)**

Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Vegetable oil</td>
<td>(CAS No) 68956-68-3</td>
<td>80 - 100</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>tert-Butylhydroquinone</td>
<td>(CAS No) 1948-33-0</td>
<td>&lt; 0.1</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.1 - 1</td>
<td>Acute Tox. 4 (Dermal), H312</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 - 5</td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 1, H400</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16
The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]. More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

**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:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Seek medical attention for thermal burns.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention. Obtain medical attention for thermal burns.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

**General:** Skin sensitization.

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** May cause an allergic skin reaction. Repeated or prolonged skin contact may cause dermatitis and defatting. Contact with hot liquid may cause thermal burns.

**Eye Contact:** May cause slight irritation to eyes. Contact with hot liquid may cause thermal burns.

**Ingestion:** Ingestion may cause adverse effects.

**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:** Foam, carbon dioxide \((CO_2)\), dry chemical. Water may be ineffective but water should be used to keep fire-exposed container cool.

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

**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.

**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. Do not get water inside containers.

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

**Hazardous Combustion Products:** Carbon oxides \((CO, CO_2)\). Smoke.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease

Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

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 breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


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. Avoid release to the environment.

Methods and Material 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 Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for Safe Handling: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, and spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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. Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.


Specific End Use(s)

Lubricant

SECTION 8: EXPOSURE CONTROLS/PERS

Control Parameters

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), Canadian provincial governments, or the Mexican government

<table>
<thead>
<tr>
<th>Vegetable oil (68956-68-3)</th>
<th>Mexico</th>
<th>OEL TWA (mg/m³)</th>
<th>10 mg/m³ (except irritant oils-mist)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>5 mg/m³ (mist, respirable fraction)</td>
</tr>
<tr>
<td></td>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>10 mg/m³ (total)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 mg/m³ (respirable mist)</td>
</tr>
<tr>
<td></td>
<td>New Brunswick</td>
<td>OEL TWA (mg/m³)</td>
<td>10 mg/m³ (except castor, cashew nut, or similar irritant oil-mist)</td>
</tr>
<tr>
<td></td>
<td>Québec</td>
<td>VEMP (mg/m³)</td>
<td>10 mg/m³ (except castor, cashew and other similar irritant oils-mist)</td>
</tr>
<tr>
<td></td>
<td>Saskatchewan</td>
<td>OEL STEL (mg/m³)</td>
<td>20 mg/m³ (mist)</td>
</tr>
<tr>
<td></td>
<td>Saskatchewan</td>
<td>OEL TWA (mg/m³)</td>
<td>10 mg/m³ (mist)</td>
</tr>
</tbody>
</table>
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease

Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

**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 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.

**Other Information:** When using, do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Green semi-solid grease</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Vapor Density at 20 °C</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.92</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not soluble in water.</td>
</tr>
<tr>
<td>Partition Coefficient: N-Octanol/Water</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Risk of explosion if heated under confinement</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Mechanical Impact</td>
<td>Not expected to present an explosion hazard due to mechanical impact.</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Static Discharge</td>
<td>Not expected to present an explosion hazard due to static discharge.</td>
</tr>
</tbody>
</table>
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease

Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.
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.
Incompatible Materials: Strong acids, strong bases, strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product
Acute Toxicity: Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not classified
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Repeated or prolonged skin contact may cause dermatitis and defatting. Contact with hot liquid may cause thermal burns.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes. Contact with hot liquid may cause thermal burns.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: None known.

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LC50 Oral Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>tert-Butylhydroquinone (1948-33-0)</td>
<td>700 mg/kg</td>
<td>1,100.00 mg/kg body weight</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

Toxicity
Ecology - General: Toxic to aquatic life.

Persistence and Degradability

<table>
<thead>
<tr>
<th>Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease</th>
<th>Persistence and Degradability: Not established.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative Potential</td>
<td>Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease</td>
</tr>
<tr>
<td>Bioaccumulative Potential</td>
<td>Bioaccumulative Potential: Not established.</td>
</tr>
<tr>
<td>Mobility in Soil</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

SECTION 14: TRANSPORT INFORMATION
In Accordance With ICAO/IATA/DOT/TDG/IMDG
UN Number    Not regulated for transport
UN Proper Shipping Name  Not regulated for transport
Transport Hazard Class(es)
Marine Pollutant    No

Additional Information    Not available
Transport by sea        Not regulated for transport
Air transport          Not regulated for transport
In Accordance With IMDG Not regulated for transport
In Accordance With IATA/ICAO Not regulated for transport
In Accordance With TDG    Not regulated for transport

SECTION 15: REGULATORY INFORMATION
US Federal Regulations
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease
SARA Section 311/312 Hazard Classes Immediate (acute) health hazard
Vegetable oil (68956-68-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Vegetable oil (68956-68-3) tert-Butylhydroquinone (1948-33-0) Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations
Vegetable oil (68956-68-3) RTK - U.S. - Massachusetts - Right To Know List
Vegetable oil (68956-68-3) U.S. - Michigan - Occupational Exposure Limits - TWAs
Vegetable oil (68956-68-3) U.S. - Minnesota - Hazardous Substance List
Vegetable oil (68956-68-3) U.S. - Minnesota - Permissible Exposure Limits - TWAs
Vegetable oil (68956-68-3) U.S. - Oregon - Permissible Exposure Limits - TWAs
Vegetable oil (68956-68-3) RTK - U.S. - Pennsylvania - RTK (Right to Know) List
Vegetable oil (68956-68-3) U.S. - Tennessee - Occupational Exposure Limits - TWAs
Vegetable oil (68956-68-3) U.S. - Texas - Effects Screening Levels - Long Term
Vegetable oil (68956-68-3) U.S. - Texas - Effects Screening Levels - Short Term
Vegetable oil (68956-68-3) U.S. - Vermont - Permissible Exposure Limits - TWAs

Vegetable oil (68956-68-3) tert-Butylhydroquinone (1948-33-0) U.S. - Texas - Effects Screening Levels - Long Term
Vegetable oil (68956-68-3) tert-Butylhydroquinone (1948-33-0) U.S. - Texas - Effects Screening Levels - Short Term

Canadian Regulations
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease
WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Vegetable oil (68956-68-3) Listed on the Canadian DSL (Domestic Substances List)
Vegetable oil (68956-68-3) WHMIS Classification Uncontrolled product according to WHMIS classification criteria
Vegetable oil (68956-68-3) tert-Butylhydroquinone (1948-33-0) Listed on the Canadian DSL (Domestic Substances List)
Pro Star Ultra High Performance Marine Trailer Wheel Bearing Grease
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

WHMIS Classification
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION
Revision Date : 01/14/2016
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
</tbody>
</table>

NFPA Health Hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA Fire Hazard : 1 - Must be preheated before ignition can occur.

NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

Party Responsible for the Preparation of This Document
Starbrite®
Phone Number: (954)587-6280

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.