

**MATERIAL SAFETY DATA SHEET**

September 1, 2005

**1. Product and Company Identification**

|                         |   |               |   |
|-------------------------|---|---------------|---|
| <b>PRODUCT CODE:</b>    | 85708, 85716, 85732                         | Health:       | 2 |
| <b>PRODUCT NAME:</b>    | Star brite Premium Marine Polish with PTEF® | Flammability: | 2 |
| <b>Chemical Family:</b> | Polish Blend                                | Instability:  | 0 |
| <b>CAS Number:</b>      | Mixture                                     | Special:      |   |

|                                       |  |
|---------------------------------------|--|
| <b>MANUFACTURER NAME AND ADDRESS:</b> | <b>TELEPHONE NUMBERS:</b>              |
| Star brite Distributing, Inc.         | Chemtrec: 800-424-9300 or 703-527-3887 |
| 4041 S. W. 47 Avenue                  | Information: 800-327-8583              |
| Ft. Lauderdale, FL 33314              | Revision Date: August 18, 2005         |

**2. Composition/Information on Ingredients**

| Hazardous Components (Chemical Name)                         | CAS#       | Percentage | OSHA PEL | ACGIH TLV | Other Limits |
|--|------------|------------|----------|-----------|--------------|
| 1. Hydrotreated light distillate (petroleum)                 | 64742-47-8 | 10.0-15.0% | No data  | No data   | 300 ppm-STEL |
| 2. Kerosine  | 8008-20-6  | 15.0-20.0% | No data  | No data   | 300 ppm      |
| 3. Kaolin  | 1332-58-7  | 1.0-10.0%  | 10 mg/m3 | 10 mg/m3  | No data      |
| 4. Isopropyl alcohol   | 67-63-0    | 1.0-5.0%   | No data  | No data   | No data      |
| 5. Stoddard solvent  | 8052-41-3  | 1.0-5.0%   | No data  | No data   | No data      |
| 6. Dimethoxysilyldimethyl-<br>Aminoethylaminopropyl silicone | 71750-81-7 | 1.0-5.0%   | No data  | No data   | No data      |

| Hazardous Components (Chemical Name)                         | RTECS#    | OSHA STEL | OSHA CEIL | ACGIH STEL | ACGIH CEIL |
|--|-----------|-----------|-----------|------------|------------|
| 1. Hydrotreated light distillate (petroleum)                 | OA5504000 | No data   | No data   | No data    | No data    |
| 2. Kerosine  | OA5500000 | No data   | No data   | No data    | No data    |
| 3. Kaolin  | GF1670500 | No data   | No data   | No data    | No data    |
| 4. Isopropyl alcohol   | NT8050000 | No data   | No data   | No data    | No data    |
| 5. Stoddard solvent  | WJ8925000 | No data   | No data   | No data    | No data    |
| 6. Dimethoxysilyldimethyl-<br>aminoethylaminopropyl silicone | NA        | No data   | No data   | No data    | No data    |

**3. Hazards Identification**

**Emergency Overview**

Danger. Combustible. Contains petroleum distillates. Harmful or fatal if swallowed. Keep away from heat, sparks and open flame. If swallowed, do not induce vomiting, call a physician immediately. Keep out of reach of children.

**Route(s) of Entry:** Inhalation? Yes      Skin? Yes      Eyes? Yes      Ingestion? Yes

**Potential Health Effects (Acute and Chronic)**

**ACUTE HEALTH EFFECTS**

**EYES:** Contact will cause eye irritation.

**SKIN:** Frequent or prolonged contact may irritate and defat the skin.

**INHALATION:** Inhalation may cause dizziness, headaches and irritate respiratory tract.

**INGESTION:** This material may be harmful or fatal if swallowed. Irritating to mouth, throat and stomach.

**TARGET ORGAN EFFECTS:** Central nervous system, possible kidneys (kerosene).

**LD 50/LC 50:** 5-15 g/kg (kerosene)

**Signs and Symptoms of Exposure**

**EYES:** Contact produces burning and redness

**SKIN:** Prolonged skin contact may result in irritation with redness and severe swelling and blistering.

**INGESTION:** Irritation of the gastrointestinal tract and possible vomiting and diarrhea.

**INHALATION:** Vapors or mists, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose, throat, headache, nausea and drowsiness.

**Medical Conditions Generally Aggravated by Exposure**

No data available.

**OSHA Hazard Classes:**

**HEALTH HAZARDS:** Toxic, Irritant

**PHYSICAL HAZARDS:** Combustible Liquid

**TARGET ORGANS & EFFECTS:** Kidney, Eyes, Skin, Central Nervous System

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#### 4. First Aid Measures

#### Emergency and First Aid Procedures

**EYES:** Check for and remove any contact lenses. Immediately flush eyes with large amounts of water for 15 minutes or until irritation subsides. Get medical attention.

**SKIN:** Wash exposed area with mild soap and water.

**INGESTION:** Do not induce vomiting. Get immediate medical attention.

**INHALATION:** If irritation, headache, nausea or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.

#### 5. Fire Fighting Measures

**Flash Point** 127.00 F (52.8 C) Method: TCC

**Explosive Limits:** LEL: 0.9 UEL 7.0

**Autoignition Point** 540.00 F (282.2 C)

#### Fire Fighting Instructions

A self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

#### Flammable Properties and Hazards

Combustible Liquid. Material floats on water. Cool fire exposed containers.

#### Extinguishing Media

Dry Chemicals, CO2 or Alcohol Resistant Foam.

#### Unsuitable Extinguishing Media

No data available.

#### 6. Accidental Release Measures

#### Steps to Be Taken in Case Material is Released or Spilled

Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Keep out of sewers and drains. Avoid contact with skin, eyes and clothing.

#### 7. Handling and Storage

#### Hazard Label Information:

DANGER! Harmful or fatal if swallowed. Combustible. Keep out of reach of children.

#### Precautions to be Taken in Handling

Combustible. Harmful or fatal if swallowed. Keep away from heat, sparks and open flame. Keep out of reach of children.

#### Precautions to be Taken in Storing

Store in well ventilated area away from sources of heat, sparks, or open flame.

#### 8. Exposure Controls/Personal Protection

#### Respiratory Equipment (Specify Type)

Local ventilation needed at times.

#### Eye Protection

Safety glasses

#### Protective Gloves

Not required under normal use.

#### Other Protective Clothing

None should be needed

#### Engineering Controls (Ventilation etc.)

Adequate or meet occupational exposure limits. See Section II.

#### Work/Hygienic/Maintenance Practices

Do not smoke while using. Wash hands after use. Use good personal hygiene at all times.

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### 9. Physical and Chemical Properties

**Physical States:**  Gas  Liquid  Solid  
**Melting Point:** 32.00 F (0.0 C)  
**Boiling Point:** N.A.  
**Autoignition Pt:** 540.00 F (282.2 C)  
**Flash Pt:** 127.00 F (52.8 C) Method: TCC  
**Explosive Limits:** LEL: 0.9 UEL: 7.0  
**Specific Gravity (Water=1):** 0.98 - 1.00 at 68.0 F (20.0 C)  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air=1):** No data.  
**Evaporation Rate (vs Butyl Acetate=1):** No data.  
**Solubility in Water:** <0.1% at 68.0 F (20.0 C)  
**Percent Volatile:** 79.0 % by weight.  
**VOC / Volume:** 29.4400 WT%  
**Viscosity:** 3500 -11000 CPS at 68.0 F (20.0 C)  
**Corrosion Rate:** No data.  
**pH** 9.8  
**Appearance and Odor**  
Thick white liquid with characteristic hydrocarbon odor.

### 10. Stability and Reactivity

**Stability:** Unstable  Stable   
**Conditions to Avoid – Instability**  
None known.  
**Incompatibility – Materials to Avoid**  
Strong oxidizers.  
**Hazardous Decomposition or Byproducts**  
Carbon monoxide, fumes and smoke.  
**Hazardous Polymerization:** Will occur  Will not occur   
**Conditions to Avoid – Hazardous Polymerization**  
Product will not undergo polymerization.

### 11. Toxicological Information

**Toxicological Information**  
No data available.  
**Carcinogenicity/Other Information**  
No data available  
**Carcinogenicity:** NTP? No IARC Monographs? NO OSHA Regulated? No

### 12. Ecological Information

**Ecological Information**  
No data available.

### 13. Disposal Considerations

**Waste Disposal Method**  
All notification, clean up and disposal should be carried out in accordance with federal, state and local regulations.

### 14. Transport Information

Call for information.

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**15. Regulatory Information**

**US EPA SARA Title III**

| Hazardous Components (Chemical Name)                     | CAS#       | Sec.302 (EHS) | Sec.304 RQ | Sec.313 (TRI) | Sec.110 |
|--|------------|---------------|------------|---------------|---------|
| 1. Hydrotreated light distillate (petroleum)             | 64742-47-8 | No            | No         | No            | No      |
| 2. Kerosine  | 8008-20-6  | No            | No         | No            | No      |
| 3. Kaolin  | 1332-58-7  | No            | No         | No            | No      |
| 4. Isopropyl alcohol                                     | 67-63-0    | No            | No         | Yes           | No      |
| 5. Stoddard solvent                                      | 8052-41-3  | No            | No         | No            | No      |
| 6. Dimethoxysilyldimethyl-aminoethylaminopropyl silicone | 71750-81-7 | No            | No         | No            | No      |

**US EPA CAA, CWA, TSCA**

| Hazardous Components (Chemical Name)                     | CAS#       | EPS CAA | EPA CWA NPDES | EPA TSCA | CA PROP 65 |
|--|------------|---------|---------------|----------|------------|
| 1. Hydrotreated light distillate (petroleum)             | 64742-47-8 | No      | No            | No       | No         |
| 2. Kerosine  | 8008-20-6  | No      | No            | No       | No         |
| 3. Kaolin  | 1332-58-7  | No      | No            | No       | No         |
| 4. Isopropyl alcohol                                     | 67-63-0    | No      | No            | No       | No         |
| 5. Stoddard solvent                                      | 8052-41-3  | No      | No            | No       | No         |
| 6. Dimethoxysilyldimethyl-aminoethylaminopropyl silicone | 71750-81-7 | No      | No            | No       | No         |

**SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:**

- Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. \*indicates 10000 LB TPQ if not volatile.
- Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity\*\* indicates statutory RQ.
- Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

**TSCA (Toxic Substances Control Act) Lists:**

- 5A(2):** Chemical Subject to Significant New Rules (SNURS)
- 6A:** Commercial Chemical Control Rules
- 8A:** Toxic Substances Subject To Information Rules on Production
- 8A CAIR:** Comprehensive Assessment Information Rules – (CAIR)
- 8A PAIR:** Preliminary Assessment Information Rules – (PAIR)
- 8C:** Records of Allegations of Significant Adverse Reactions
- 8D:** Health and Safety Data Reporting Rules
- 8D TERM:** Health and Safety Data Reporting Rule Terminations

**Other Important Lists:**

- CWA NPDES:** EPA Clean Water Act NPDES Permit Chemical
- CAA HAP:** EPA Clean Air Act Hazardous Air Pollutant
- CAA ODC:** EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
- CA PROP 65:** California Proposition 65

**Regulatory Information**

Prop 65: This product may contain a chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

SARA Title III, Section 313: No chemicals are present in this product subject to the reporting requirements of Section 313.

**EPA Hazard Categories:**

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes  No Acute (immediate) Health Hazard
- Yes  No Chronic (delayed) Health Hazard
- Yes  No Fire Hazard
- Yes  No Reactive Hazard
- Yes  No Sudden Release of Pressure Hazard

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**15. Regulatory Information (cont'd)**

**Regulatory Information Statement**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risk in use of the material.

**16. Other Information**

**Company Policy or Disclaimer**

THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IS ACCURATE TO THE BEST KNOWLEDGE OF STAR BRITE. THE DATA ON THIS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN. STAR BRITE ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON THIS DATA.