

# MATERIAL SAFETY DATA SHEET

Date: October 9, 2006

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** 81316  
**Product Name:** Star brite Liquid Rubbing Compound for Medium Oxidation  
**Manufacturer Information**  
**Company Name:** Star Brite Distributing  
4041 SW 47<sup>th</sup> Avenue  
Ft. Lauderdale, FL 33314  
**Information:** 1-800-327-8583  
**Emergency Contact** 1-800-424-9300 or 1-703-527-3887 Chemtrec  
**Chemical Family:** Polish Blend  
**CAS Number**  
**Replaces:** August 17, 2006

Flammability: 2  
Health: 2  
Special:  
Instability: 0

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Chemical Name)	CAS #	Percentage	OSHA PEL	ACGIH TLV	Other Limits
Kaolin	1332-58-7	5.0-10.0 %	10mg/m3	10 mg/m3	No data.
Kerosine	8008-20-6	10.0-15.0 %	No data.	No data.	300 ppm
Morpholine	110-91-8	1.0-2.0 %	20 ppm	20 ppm	No data.
Nepheline Syenite	37244-96-5	5.0-10.0 %	No data.	No data.	No data.
Tall Oil Fatty Acids	61790-12-3	1.0-5.0 %	No data.	No data.	No data.
Hydrotreated light distillate (petroleum)	64742-47-8	5.0-10.0%	No data.	200 mg/m3	No data.
Hazardous Components (Chemical Name)	RTECS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
Kaolin	GF1670500	No data.	No data.	No data.	No data.
Kerosine	OA5500000	No data.	No data.	No data.	No data.
Morpholine	QD6475000	No data.	No data.	No data..	No data.
Nepheline Syenite	NA	No data.	No data.	No data.	No data.
Tall Oil Fatty Acids	NA	No data.	No data.	No data.	No data.
Hydrotreated light distillate (petroleum)	OA5504000	No data.	No data.	No data.	No data.

## SECTION 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

Combustible liquid. Causes eye irritation. Harmful, or fatal if swallowed. Ingestion may cause nausea, dizziness and unconsciousness.

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

### Potential Health Effects (Acute and Chronic)

#### ACUTE

**SKIN:** Constant exposure to skin may cause drying or defatting of skin.

**EYES:** Irritating to eyes.

**INGESTION:** If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

**INHALATION:** Vapors may have a strong offensive odor which may cause headaches, nausea and vomiting.

#### CHRONIC

Target Organ Effects: Central Nervous System, Possible Kidneys (Kerosene).

**Recommended Exposure Limits:** 300 ppm

**LD 50/LC 50:** 0.5-5.0 g/Kg (Kerosene)

### Signs and Symptoms of Exposure

**EYES:** May cause minimal irritation, experienced as temporary discomfort.

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

**INHALATION:** Vapors may cause respiratory tract irritation, cough, discomfort and difficulty in breathing.

**SKIN:** Irritating to the skin with possible drying and defatting of the skin.

### OSHA Hazard Classes:

**HEALTH HAZARDS:** Irritant

**PHYSICAL HAZARDS:** Combustible Liquid

**TARGET ORGANS & EFFECTS:** Eyes, Skin, Liver, Central Nervous System, Respiratory System.

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#### SECTION 4. FIRST AID MEASURES

##### Emergency and First Aid Procedures

**EYES:** Flush eyes with water for at least 15 minutes. Call a physician.

**INGESTION:** Do not induce vomiting, call a physician immediately.

**INHALATION:** Remove to fresh air, give oxygen or artificial respiration if necessary. Call a physician.

**SKIN:** Wash skin thoroughly with soap and water.

#### SECTION 5. FIRE FIGHTING MEASURES

**Flash Point** 149.00 F (65.0 C) Method Used: PMCC

**Explosive Limits:** LEL: No data UEL: No data

**Autoignition Point** 0.00 F (-17.8 C)

##### Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear. Cool exposed containers with water.

##### Flammable Properties and Hazards

Material floats on water.

##### Extinguishing Media

Dry Chemicals, CO2 or Alcohol Resistant Foam.

##### Unsuitable Extinguishing Media

No data available.

#### SECTION 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.

#### SECTION 7. HANDLING AND STORAGE

##### Hazard Label Information:

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

##### Precautions To Be Taken in Handling

Causes eye and skin irritation. Check container for leaks. Keep away from heat, sparks and flame.

##### Precautions To Be Taken In Storing

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

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Protective Equipment Summary – Hazard Label Information:

Rubber gloves Safety glasses

##### Respiratory Equipment (Specify Type)

None should be used under normal use. If exposure limits are exceeded, use a NIOSH/MSHA approved respirator.

##### Eye Protection

Safety glasses

##### Protective Gloves

Rubber gloves

##### Other Protective Clothing

Boots, apron, or coveralls as necessary to prevent skin contact.

##### Engineering Controls (Ventilation etc.)

Good general ventilation should be sufficient to control airborne levels.



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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (cont'd)

### Work/Hygienic/Maintenance Practices

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** ( Gas (X) Liquid ( ) Solid  
**Melting Point** No data.  
**Boiling Point** 0.00 F (-17.8 C)  
**Autoignition Pt:** 0.00 F (-17.8 C)  
**Flash Pt:** 149.00 F (65.0 C) Method: PMCC  
**Explosive Limits:** LEL: No data UEL: No data  
**Specific Gravity (Water = 1):** 1.028 -1.030 at 0.0 C (32.0 F)  
**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:** No data.  
**Percent Volatile:** 0.00 % by weight.  
**VOC/Volume:** 16.0100 WT%  
**Viscosity:** 555 CPS at 25.0 C (77.0 F)  
**Corrosion Rate:** No data.  
**pH:** 9.2  
**Appearance and Odor**  
White liquid with a solvent odor

## SECTION 10. STABILITY AND REACTIVITY

**Stability:** Unstable ( ) Stable(X)  
**Conditions to Avoid-Instability**  
No data available  
**Incompatibility-Materials to Avoid**  
Strong Oxidizers  
**Hazardous Decomposition Or Byproducts**  
Carbon monoxide, fumes and smoke.  
**Hazardous Polymerization:** Will occur ( ) Will not occur (X)  
**Conditions To Avoid-Hazardous Polymerization**  
No data available.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Toxicological Information**  
0.5-5.0 g/Kg (Kerosene)  
**Carcinogenicity/Other Information**  
No data available  
**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## SECTION 12. ECOLOGICAL INFORMATION

**Ecological Information**  
No data available.

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Waste Disposal Method

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

### SECTION 14. TRANSPORT INFORMATION

Call for information

### SECTION 15. REGULATORY INFORMATION

#### US EPA SARA TITLE III

Hazardous Components (Chemical Name)	Cas#	Sec.302 (EHS)	Sec. 304 RQ	Sec. 313 (TRI)	Sec. 110
Kaolin	1332-58-7	No	No	No	No
Kerosine	8008-20-6	No	No	No	No
Morpholine	110-91-8	No	No	No	No
Nepheline Syenite	37244-96-5	No	No	No	No
Tall Oil Fatty Acids	61790-12-3	No	No	No	No
Hydrotreated light distillate (petroleum)	64742-47-8	No	No	No	No

#### US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	Cas#	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
Kaolin	1332-58-7	No	No	No	No
Kerosine	8008-20-6	No	No	No	No
Morpholine	110-91-8	No	No	No	No
Nepheline Syenite	37244-96-5	No	No	No	No
Tall Oil Fatty Acids	61790-12-3	No	No	No	No
Hydrotreated light distillate (petroleum)	64742-47-8	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

New Jersey Right-To-Know: Water; Kerosene 8008-20-6; Morpholine 110-91-8; Aluminum Silicate 1332-58-7; Nepheliesyenite CAS# N/A

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

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**SECTION 15. REGULATORY INFORMATION cont'd**

**EPA Hazard Categories:**

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

- |   |  |                                   |
|---|--|-----------------------------------|
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | Acute (immediate) Health Hazard   |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | Chronic (delayed) Health Hazard   |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | Fire Hazard                       |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | Reactive Hazard                   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | Sudden Release of Pressure Hazard |

**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.

**SECTION 16. OTHER INFORMATION**

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.