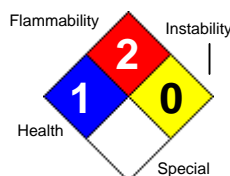


# MATERIAL SAFETY DATA SHEET

## Star brite Liquid Rubbing Compound/Heavy Oxidation (VOC<15%)

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	1
<b>REACTIVITY</b>	0
<b>PPE</b>	<b>B</b>



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### 1. Product and Company Identification

**Product Code:** 81318  
**Product Name:** Star brite Liquid Rubbing Compound/Heavy Oxidation  
**Reference #:**  
**Manufacturer Information**  
**Company Name:** Star brite Distributing, Inc.  
 4041 S. W. 47 Avenue  
 Ft. Lauderdale, FL 33314  
**Emergency Contact:** Chemtrec: (800) 424-9300 or (703) 527-3887  
**Information:** INFORMATION (954) 587-6280

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV	Other Limits
1. Hydrotreated light distillate (petroleum)	64742-47-8	8.0 -20.0 %	No data.	No data.	300 ppm
2. Morpholine	110-91-8	1.0 -3.0 %	20 ppm	20 ppm	No data.
3. Quartz	14808-60-7	0.05 -0.09 %	8825 ppm/(%SiO <sub>2</sub> +5)	0.05 mg/m <sup>3</sup> (R)	No data.
4. Aluminum hydroxide	21645-51-2	5.0 -7.5 %	No data.	No data.	No data.
5. Tall Oil Fatty Acids	61790-12-3	1.0 -2.5 %	No data.	No data.	No data.
6. Silica, amorphous	61790-53-2	5.0 -7.5 %	80 mg/m <sup>3</sup> /(%SiO <sub>2</sub> )	10 mg/m <sup>3</sup> (Inhalation, E)	No data.
7. Stoddard solvent	8052-41-3	8.0 -12.0 %	500 ppm	100 ppm	No data.
8. Proprietary mixture of terpene hydrocarbons	NA	1.25 -2.5 %	No data.	No data.	No data.
9. Water	7732-18-5	50.0 -65.0 %	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. Morpholine	QD6475000	No data.	No data.	No data.	No data.
3. Quartz	VV7330000	No data.	No data.	No data.	No data.
4. Aluminum hydroxide	BD0940000	No data.	No data.	No data.	No data.
5. Tall Oil Fatty Acids	NA	No data.	No data.	No data.	No data.
6. Silica, amorphous	VV7311000	No data.	No data.	No data.	No data.
7. Stoddard solvent	WJ8925000	No data.	No data.	No data.	No data.
8. Proprietary mixture of terpene hydrocarbons	NA	No data.	No data.	No data.	No data.
9. Water	ZC0110000	No data.	No data.	No data.	No data.

### 3. Hazards Identification

#### Emergency Overview

Combustible liquid. Harmful or fatal if swallowed. Vapor harmful. May be irritating to the eyes and stomach lining. May defat skin. May cause dizziness and headaches from inhalation. Contains petroleum distillates.

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

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

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

EYES: Irritating to eyes.

INGESTION: Can be harmful or fatal if swallowed.

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

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**Signs and Symptoms Of Exposure**

EYES: Irritation, redness, tearing, blurred vision.

INGESTION: May result in severe irritation of the mouth, throat and stomach.

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: Kidney, Eyes, Skin, Central Nervous System, Respiratory System

**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.

**5. Fire Fighting Measures**

**Flash Pt:** 117.00 F (47.2 C) Method Used: PMCC

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

**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**

Combustible components of this material will float on water upon separation.

**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:**

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

**Precautions To Be Taken in Handling**

Always check containers for leaks and keep away from heat, sparks and flames. Avoid contact with eyes, skin, and clothing. Do not take internally. Keep out of reach of children.

**Precautions To Be Taken in Storing**

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

**Other Precautions**

Wash hands thoroughly after handling the material.

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## 8. Exposure Controls/Personal Protection

### Respiratory Equipment (Specify Type)

None should be needed 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.

### Work/Hygienic/Maintenance Practices

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

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas	[ X ] Liquid	[ ] Solid
<b>Melting Point:</b>	No data.		
<b>Boiling Point:</b>	No data.		
<b>Autoignition Pt:</b>	No data.		
<b>Flash Pt:</b>	117.00 F (47.2 C) Method: PMCC		
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.	
<b>Specific Gravity (Water = 1):</b>	0.98 - 1.01	at 20.0 C (68.0 F)	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.		
<b>Vapor Density (vs. Air = 1):</b>	No data.		
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	No data.		
<b>Solubility in Water:</b>	No data.		
<b>Percent Volatile:</b>	0.0 % by weight.		
<b>VOC / Volume:</b>	< 14.5400 WT%		
<b>Corrosion Rate:</b>	No data.		
<b>pH:</b>	8 - 10.0		

### Appearance and Odor

Thick light brown opaque liquid with pine-like odor

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

### 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 [ X ]

### Conditions To Avoid - Hazardous Polymerization

None known.

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## 11. Toxicological Information

### Toxicological Information

No data available.

### Carcinogenicity/Other Information

This product contains less than 0.0125% (125 ppm) 2-methoxyethanol (CAS 109-86-4). This chemical is known to the State of California to cause reproductive harm.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Hydrotreated light distillate (petroleum)	64742-47-8	n.a.	n.a.	A4	n.a.
2. Morpholine	110-91-8	n.a.	n.a.	A4	n.a.
3. Quartz	14808-60-7	Known	2B	A2	n.a.
4. Aluminum hydroxide	21645-51-2	n.a.	n.a.	n.a.	n.a.
5. Tall Oil Fatty Acids	61790-12-3	n.a.	n.a.	n.a.	n.a.
6. Silica, amorphous	61790-53-2	n.a.	n.a.	n.a.	n.a.
7. Stoddard solvent	8052-41-3	n.a.	n.a.	n.a.	n.a.
8. Proprietary mixture of terpene hydrocarbons	NA	n.a.	n.a.	n.a.	n.a.
9. Water	7732-18-5	n.a.	n.a.	n.a.	n.a.

**Carcinogenicity:** NTP? No      IARC Monographs? No      OSHA Regulated? No

## 12. Ecological Information

### Ecological Information

No data available.

## 13. Disposal Considerations

### Waste Disposal Method

As packaged this material exhibits the RCRA hazardous characteristic of ignitability. Actual waste characterization is the responsibility of the end user. All notification, clean up and disposal should be carried out in accordance with federal, state and local regulations.

**RCRA Waste ID Code:** D001

## 14. Transport Information

### LAND TRANSPORT (US DOT)

**DOT Proper Shipping Name:** Flammable liquids, n.o.s. (mineral spirits)  
**DOT Hazard Class:** 3  
**DOT Hazard Label:** FLAMMABLE LIQUID  
**UN/NA Number:** UN1993  
**Packing Group:** III

### Additional Transport Information

DOT Hazard determination may be reclassified according to 49 CFR 173.150.

Note: The information provided in Section 14 is based on the rules and regulations governing the shipment of non-bulk containers and may not apply when using bulk packaging to ship this material.

## 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. Morpholine	110-91-8	No	No	No	No
3. Quartz	14808-60-7	No	No	No	No
4. Aluminum hydroxide	21645-51-2	No	No	No	No
5. Tall Oil Fatty Acids	61790-12-3	No	No	No	No

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Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
6. Silica, amorphous	61790-53-2	No	No	No	No
7. Stoddard solvent	8052-41-3	No	No	No	No
8. Proprietary mixture of terpene hydrocarbons	NA	No	No	No	No
9. Water	7732-18-5	No	No	No	No

**US EPA CAA, CWA, TSCA**

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. Hydrotreated light distillate (petroleum)	64742-47-8	No	No	Inventory	No
2. Morpholine	110-91-8	No	No	Inventory	No
3. Quartz	14808-60-7	No	No	Inventory	No
4. Aluminum hydroxide	21645-51-2	No	No	Inventory	No
5. Tall Oil Fatty Acids	61790-12-3	No	No	Inventory	No
6. Silica, amorphous	61790-53-2	No	No	Inventory	No
7. Stoddard solvent	8052-41-3	No	No	Inventory	No
8. Proprietary mixture of terpene hydrocarbons	NA	No	No	No	No
9. Water	7732-18-5	No	No	Inventory	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:**

- Inventory:** Chemical Listed in the TSCA Inventory.
- 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
- 12(b):** Notice of Export

**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

**International Regulatory Lists:**

**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 Sudden Release of Pressure Hazard
- Yes  No Reactive Hazard

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**Regulatory Information**

Prop 65: This product does not contain a chemical(s) known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

**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**

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