

MATERIAL SAFETY DATA SHEET

Date: November 24, 2008dco

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code:</b>	91016	Flammability	2
<b>Product Name:</b>	Star brite Vinyl Cleaner/Polish	Health	1
<b>Manufacturer Information:</b>		Special	
<b>Company Name</b>	Star brite Distributing	Instability	0
	4041 SW 47 Avenue		
	Ft. Lauderdale, FL 33314		
<b>Emergency Contact:</b>	800-424-9300 or 703-527-3887 Chemtrec		
<b>Information:</b>	1-800-327-8583		
<b>Chemical Family:</b>	Polish Blend		
<b>Revision Date:</b>	August 18, 2005		

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Components (Chemical Name)	CAS #	Percentage	OSHA PEL	ACGIH TLV	Other Limits
Morpholine	110-91-8	1.0-3.0 %	20 ppm	20 ppm	No data.
Hydrotreated light distillate (petroleum)	64742-47-8	10.0-15.0 %	No data.	No data.	300 ppm
Kaolin	1332-58-7	1.0-6.0 %	10 mg/m3	10 mg/m3	No data.
Tall Oil Fatty Acids	61790-12-3	1.0-5.0 %	No data.	No data.	No data.
Polydimethylsiloxane	63148-62-9	1.0-5.0 %	No data.	No data.	No data.
Nepheline Syenite	37244-96-5	1.0-6.0 %	No data.	No data.	No data.
Hazardous Components(Chemical Name)	RTECS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
Morpholine	QD6475000	No data.	No data.	No data.	No data.
Hydrotreated light distillate (petroleum)	OA5504000	No data.	No data.	No data.	No data.
Kaolin	GF1670500	No data.	No data.	No data.	No data.
Tall Oil Fatty Acids	NA	No data.	No data.	No data.	No data.
Polydimethylsiloxane	VW1511000	No data.	No data.	No data.	No data.
Nepheline Syenite	NA	No data.	No data.	No data.	No data.

**SECTION 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)**

**ACUTE**

EYES: Irritating to eyes.

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

INGESTION: Harmful if swallowed.

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

**CHRONIC**

Target Organ Effects: Central nervous system, possible kidneys (Mineral Spirits).

**Recommended Exposure Limits:** 300 ppm

**LD 50/LC 50:** 5.0-15.0 g/Kg (Mineral Spirits)

**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 skin.

**OSHA Hazard Classes:**

HEALTH HAZARDS: Toxic, Irritant

PHYSICAL HAZARDS: Combustible Liquid

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

**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

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### SECTION 5. FIRE FIGHTING MEASURES

**Flash Point** 162.00 F (72.2 C) Method: TCC

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

**Autoignition Point** 640.00 F (337.8 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! Harmful or fatal if swallowed. Combustible.

#### **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. Store at correct temperature. Wash hands thoroughly after handling the material. Keep out of reach of children.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Protective Equipment Summary-Hazard Label Information:**

Rubber gloves Safety glasses

#### **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.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** ( ) Gas (X) Liquid ( ) Solid

**Melting Point:** No data.

**Boiling Point:** 212.00 F (100.0 C)

**Autoignition Pt:** 640.00 F (337.8 C)

**Flash Pt:** 162.00 F (72.2 C) Method: TCC

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

**Specific Gravity (Water = 1):** 1.01 -1.03 at 20.0 C (68.0 F)

**Vapor Pressure (vs. Air or mm Hg):** No data

**Vapor Density (vs. Air = 1):** No data

**Evaporation Rate (vs. Butyl**

**Acetate = 1):**

**Solubility in Water:** <0.1% at 20.0 C (68.0 F)

**Percent Volatile:** 80.0 % by weight.

**VOC/Volume:** 16.4800 WT%

**Viscosity:** 200 - 2000 CPS at 20.0 C (68.0 F)

**Corrosion Rate:** No data

**pH:** 9.6

#### **Appearance and Odor**

White opaque liquid with a hydrocarbon odor.

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**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**

5.0-15.0 g/Kg (Mineral Spirits)

**Carcinogenicity/Other Information**

No data available

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

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecological Information**

No data available.

**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**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name**

Not regulated

**Additional Transport Information**

Note: The Information 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

**IATA:** Not regulated.

**IMDG:** Not regulated.

**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
Morpholine	110-91-8	No	No	No	No
Hydrotreated light distillate (petroleum)	64742-47-8	No	No	No	No
Kaolin	1332-58-7	No	No	No	No
Tall Oil Fatty Acids	61790-12-3	No	No	No	No
Polydimethylsiloxane	63148-62-9	No	No	No	No
Nepheline Syenite	37244-96-5	No	No	No	No

**US EPA CAA, CWA, TSCA**

Hazardous Components (Chemical Name)	CAS#	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
Morpholine	110-91-8	No	No	No	No
Hydrotreated light distillate (petroleum)	64742-47-8	No	No	No	No
Kaolin	1332-58-7	No	No	No	No
Tall Oil Fatty Acids	61790-12-3	No	No	No	No
Polydimethylsiloxane	63148-62-9	No	No	8A,8A PAIR	No
Nepheline Syenite	37244-96-5	No	No	No	No

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

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

- 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 contains no known chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

**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

**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**

**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.