

# Material Safety Data Sheet

Kool Rite 2580

Date of Preparation: January 2007

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Kool Rite 2580

**Chemical Formula:** R1.9140

**Manufacturer:** JTM Products, Inc., 31025 Carter Street, Solon, OH 44139, Phone (440) 287-2302, FAX (440) 287-3095(CHEM-TEL 24-hour emergency: (800) 255-3924)

## Section 2 - Composition / Information on Ingredients

Blend of water and non-hazardous ingredients.

## Section 3 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆

### Potential Health Effects

**Primary Entry Routes:** Not Hazardous

**Carcinogenicity:** IARC, NTP, and OSHA do not list the ingredients in Kool Rite 2580 as a carcinogen.

<b>HMIS</b>
<b>H</b> 1
<b>F</b> 0
<b>R</b> 0
<b>PPE</b> †
†Sec. 8

## Section 4 - First Aid Measures

**Eye Contact:** Flush with copious volumes of water for 15 minutes while holding eyelids open.

**Skin Contact:** Wash with water.

*If irritation persists, call a physician.*

## Section 5 - Fire-Fighting Measures

**Flash Point:** >212 °F (>100 °C)

**Flash Point Method:** NA, contains water

**Autoignition Temperature:** NA

**Extinguishing Media:** Water, water fog, dry foam, or carbon dioxide are all suitable.

**Unusual Fire or Explosion Hazards:** None

**Hazardous Combustion Products:** None

**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.

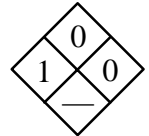
**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

**LEL:** NA

**UEL:** NA

**Flammability Classification:** 0

**NFPA**



## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** This product is a water soluble material.

**Containment:** For large spills, dike far ahead of liquid spill for later disposal.

**Cleanup:** Place the bulk of any spilled material into drums, then rinse any remaining material to sewage treatment facility, in accordance with any applicable regulations.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

## Section 7 - Handling and Storage

**Handling Precautions:** No special precautions are required.

**Storage Requirements:** No special precautions are required.

**Regulatory Requirements:** No known regulatory requirement for handling and storage.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls: Ventilation:** Provide general or local exhaust ventilation systems as appropriate for metal working fluid systems.

**Administrative Controls:**

**Respiratory Protection:** Avoid prolonged breathing of mists or vapors. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

## Kool Rite 2580

**Protective Clothing/Equipment:** Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

### Section 9 - Physical and Chemical Properties

<b>Physical State:</b> Liquid	<b>pH:</b> 9.1
<b>Appearance and Odor:</b> amber liquid with mild odor	<b>Water Solubility:</b> complete solubility in water
<b>Odor Threshold:</b> NA	<b>Boiling Point:</b> >212 °F
<b>Vapor Pressure:</b> NA	<b>Freezing/Melting Point:</b> <32 °F
<b>Vapor Density (Air=1):</b> NA	<b>Viscosity:</b> NA
<b>Formula Weight:</b> NA (blend)	<b>Refractive Index:</b> unknown
<b>Density:</b> 8.2 lbs./gal.	<b>Surface Tension:</b> unknown
<b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> 0.98	<b>% Volatile:</b> NA
	<b>Evaporation Rate:</b> NA

### Section 10 - Stability and Reactivity

**Stability:** Kool Rite 2580 is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization will not occur.

**Chemical Incompatibilities:**

**Conditions to Avoid:** Also avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Thermal oxidative decomposition of Kool Rite 2580 can produce oxides of carbon and nitrogen.

### Section 11- Toxicological Information

#### Toxicity Data:

**Eye Effects:** Eye irritant.

**Skin Effects:** Slight skin irritant if allowed to remain in contact.

### Section 12 - Ecological Information

**Ecotoxicity: Environmental Fate**

**Environmental Transport:** Unknown.      **Environmental Degradation:** Unknown.      **Soil Absorption/Mobility:** Unknown.

### Section 13 - Disposal Considerations

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

### Section 14 - Transport Information

**Not hazardous under DOT regulations. DOT Shipping Name:** Cleaning, Scouring, Liquid Soap Compound

### Section 15 - Regulatory Information

**EPA Regulations:** None apply. Not a SARA 313 Hazardous waste. All components are listed on the TSCA (US), CEPA (Canada) & EINECS (European) inventory listings.

### Section 16 - Other Information

**Prepared By:** supplier      **Approved By:** J. Cahoon

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