

Material Safety Data Sheet

Kool Rite 2560

Date of Preparation: March 2009

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Kool Rite 2560
Chemical Formula: F8V.1610 and F8V.1620
Chemical Family: Synthetic cutting and grinding fluid
Manufacturer: JTM Products, Inc., 31025 Carter Street, Solon, OH 44139, Phone (440) 287-2302, FAX (440) 287-095(CHEM-TEL 24-hour emergency: (800) 255-3924)

Section 2 - Composition / Information on Ingredients

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>% VOLUME</u>	<u>SECTION 313</u>	<u>TLV (UNITS)</u>
TRIETHANOLAMINE	000102-71-6	15 – 20	NO	5 mg/m ³ TWA
ETHANOLAMINE	000141-43-5	<6	NO	3 ppm
DIBASIC ACID MIXTURE	072162-23-3	<10	NO	ND
SHORT CHAIN FATTY ACID	000124-07-2	<3	NO	ND

Section 3 - Hazards Identification

EMERGENCY OVERVIEW..... May cause severe eye and skin irritation. May cause respiratory irritation.
EYE CONTACT May cause severe irritation.
SKIN CONTACT May cause severe irritation.
INHILATION May cause irritation.
INGESTION May cause irritation.
CHRONIC EFFECTS .. Long-term exposure to high concentrations may cause liver or kidney damage.

HMIS	
H	1
R	0
F	0
PPE †	
†Sec. 8	

Section 4 - First Aid Measures

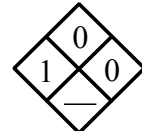
EYES: Immediately flush with large amounts of water for at least 15 minutes. Get immediate medical attention.
SKIN: Remove contaminated clothing and flush skin with water, and soap if available. Launder clothing before reuse. If irritation persists, get medical attention.
INHILATION: If symptoms develop, remove exposed person to fresh air. If breathing is difficult, administer oxygen if available. Get medical attention if irritation persists.
INGESTION: Immediately call a local physician, a local emergency room, or poison control center. If victim is conscious, give 1 – 3 glasses of water. Do not induce vomiting because of danger of aspirating liquid into lungs. Get immediate medical attention!

Section 5 - Fire-Fighting Measures

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

LEL: NA **UEL:** NA
Flammability Classification: 0

NFPA



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.

Section 6 - Accidental Release Measures

GENERAL Wear protective equipment and stop at leak source. Dike area and prevent from entering waterway. Do not use combustible material to dike; as sawdust or paper products. Contain with sand or earth. Pump material to reclaim container. Use absorbent on remaining material and shovel into waste container.
Large Spill: Contain as described above.
Small Spill: Use absorbing material to remove product. Place in suitable disposal container. Can be wet mopped or vacuumed.
WATER SPILL Consult an expert or local authorities to ensure compliance with local disposal regulations.

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

EXPOSURE CONTROLS Mechanical ventilation is required if product is used in confined area.

EYE/FACE PROTECTION Wear face shield or chemical goggles to prevent eye contact. Provide an eyewash station immediately accessible to the work area.

SKIN PROTECTION Wear chemical resistant gloves and protective clothing when handling product.

RESPIRATORY PROTECTION... If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

PROTECTIVE CLOTHING Wear protective clothing, long sleeves and gloves, when directly exposed to product for long periods.

Section 9 - Physical and Chemical Properties

Physical State: thin Liquid	pH: 9.25
Appearance and Odor: Light blue or amber liquid with mild amine odor	Water Solubility: complete solubility in water
Vapor Pressure: <0.01	Boiling Point: >212 °F
Vapor Density (Air=1): ND	Freezing/Melting Point: <32 °F
Formula Weight: NA (blend)	Refractive Index: unknown
Density: 8.9 lbs./gal.	Surface Tension: unknown
Specific Gravity (H₂O=1, at 4 °C): 1.066G/ml	% Volatile: NA
	Evaporation Rate: <0.01

Section 10 - Stability and Reactivity

Stability: 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

ND for ingestion. Refer to section 3 for available information on potential health effects.

Section 12 - Ecological Information

No specific ecological data is available for this product. Refer to Section 6 for information regarding accidental release.

Section 13 - Disposal Considerations

Because this product may be mixed with other components, or used in processes that may contaminate it, it is the responsibility of the owner/user to determine at the time of disposal if the product meets RCRA criteria for hazardous waste. Dispose of material and empty containers, liners, rinsate, and any dilutions, according to local, state, and federal regulations.

Section 14 - Transport Information

SHIPPING NAME Synthetic, non-petroleum based fluid.

HAZARD CLASS None

DOT REGULATION This product is not DOT regulated. Shipped as Class 70, Sub 50455

Section 15 - Regulatory Information

EPA Regulations: None apply. Not a SARA 313 Hazardous waste. All components are listed on the TSCA (US), & EINECS (European) inventory listings. Canadian WHIMS: Health 2, Flammability 0, Reactivity 0.

Section 16 - Other Information

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Approved By: J. Cahoon

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