

Material Safety Data Sheet

Product: Coleman® Kerosene

1. Chemical Product and Company Identification

Trade Name of this Product: Coleman® Kerosene

Manufacturer

HOC Industries, Inc.
3511 N. Ohio
Wichita, KS 67219

Contact Name

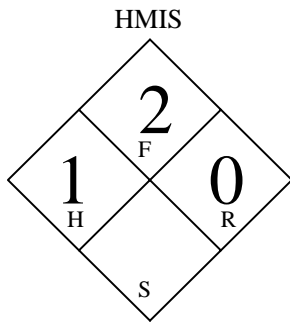
Don Poschen

Phone Number

(316) 838-4663

Emergency Phone

(800) 633-8253



2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH	
			TWA	STEL
Kerosene	8008-20-6	100	N/D	N/D

3. Hazard Identification

*****EMERGENCY OVERVIEW*****

- * WARNING: May cause dizziness and drowsiness.
- * May cause eye irritation.
- * Product has a solvent petroleum odor. The product floats on water.
- * Harmful if inhaled and may cause delayed lung injury.
- * Combustible liquid and vapor.
- * Avoid breathing vapor. Use ventilation to keep vapor below exposure limits.
- * Avoid contact with eyes, skin and clothing. Material splashed into the eyes will irritate tissues. Gently flush material from eyes with clean water.

- * Keep away from heat, sparks, and flame or any other sources of ignition.
 - * Unprotected exposure to this product will cause skin dryness.
 - * Remove product soaked clothing and wash with mild soap.
 - * As with any petroleum product, avoid mixing this product with strong oxidizers.
 - * This product is not listed on the NTP, IARC, OSHA, or ACGIH lists of suspected/confirmed carcinogens.
 - * Spilled material is slippery and may cause falls.
- *****END OF EMERGENCY OVERVIEW *****

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY: Skin.

EYES

May cause irritation experienced as mild discomfort and seen as slight excess redness of the eye.

SKIN

Brief contact may cause slight irritation. Prolonged contact as with clothing wetted with material may cause more severe irritation and discomfort seen as local redness and swelling.

INGESTION

If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur. Aspiration may occur during swallowing or vomiting resulting in lung damage.

INHALATION

Vapors or mist may cause irritation of the nose and throat. Inhalation may cause dizziness, euphoria, loss of coordination, disorientation, headache, dizziness, nausea, and/or vomiting. In poorly ventilated areas or confined spaces, unconsciousness or asphyxiation may result. Prolonged or repeated overexposure may result in the absorption of potentially harmful amounts of material.

CHRONIC

Prolonged and/or repeated contact with this material may produce skin irritation and inflammation.

CANCER INFORMATION

Carcinogen listed by:

National Toxicology Program: No

I.A.R.C.: No

OSHA: No

ACGIH: No

This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Personnel with pre-existing skin disorders should avoid contact with this product.

4. First Aid Information

EYES

Flush eyes immediately with water for at least 15 minutes or until irritation subsides occasionally lifting lower and upper lids. Get medical attention promptly.

SKIN

Wash thoroughly with soap and water. Immediately remove contaminated clothing and wash before reuse. If irritation or rash develops, obtain medical assistance. Immediately remove soaked clothing.

INGESTION

CALL PHYSICIAN IMMEDIATELY. If person is conscious and can swallow, give two glasses of water (16 ounces) but do not induce vomiting. If vomiting occurs, give fluids again. Have medical personnel determine if evacuation of stomach or induction of vomiting is necessary. Never give anything by mouth to an unconscious person.

INHALATION

Remove person to fresh air and consult a physician. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

5. Fire Fighting Measures

FLAMMABLE PROPERTIES

FLASH POINT: 130°F (55°C) Tag Closed Cup

AUTOIGNITION: 480°F

LOWER EXPLOSIVE LIMIT (%): 0.5

UPPER EXPLOSIVE LIMIT (%): 4.4

UNUSUAL HAZARDS

None

EXTINGUISHING MEDIA

Dry chemical, carbon dioxide, and foam. NOTE: Water, fog and foam may cause frothing and spattering. Water stream may spread fire.

FIRE FIGHTING INSTRUCTIONS

Use water to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.

6. Accidental Release Measures

Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes, or clothing.

7. Handling and Storage

HANDLING: Keep product away from high energy ignition sources, heat, sparks, pilot lights, and open flame. Avoid inhalation of vapors or mists. Use in well ventilated area away from all ignition sources. See Section 8 for additional personal protection advice when handling this product.

STORAGE: Store away from heat and open flame. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

SPECIAL PRECAUTIONS: To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system. Electrical equipment and fittings must comply with local fire prevention regulations for this class of product. Use the correct grounding procedures. Refer to national, state, or local regulations covering safety at petroleum handling and storage areas for this product.

WORK/HYGIENIC PRACTICES

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove fuel-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves. Eye wash and safety showers should be available nearby when this product is handled and used.

8. Exposure Controls and Personal Protection

LOCAL VENTILATION

Local exhaust ventilation recommended if generating vapor, dust, or mist. If exhaust ventilation is not available or adequate, use NIOSH approved respirator as appropriate.

EYE/FACE PROTECTION

Safety glasses, chemical-type goggles, or face shield as appropriate. Have suitable eye wash water available.

HAND PROTECTION

Gloves resistant to chemicals and petroleum distillates required. When handling large quantities gloves must be worn. The use of nitrile protective material is recommended.

RESPIRATORY PROTECTION

Airborne concentrations should be kept to lowest levels possible. If vapor mist is generated and the occupational exposure limit of the product or any component of the product is exceeded, use appropriate NIOSH approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant or oxygen content is unknown.

PROTECTIVE CLOTHING

Protective clothing such as coveralls or lab coats should be worn. Launder or dry clean when soiled. When handling large quantities, impervious suits and rubber boots must be worn. The use of nitrile protective materials is recommended.

9. Physical and Chemical Properties

APPEARANCE

Bright and clear liquid

ODOR

Petroleum odor

BASIC PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

BOILING POINT: 325-525°F

MELTING POINT: N/A

VAPOR PRESSURE: <1 psi @ 100°F

VAPOR DENSITY (AIR=1): N/D

SPECIFIC GRAVITY @ 60°F (water=1): 0.85

MOLECULAR WEIGHT: not available

SOLUBILITY (H₂O): negligible

PERCENT VOLATILES: 100%

VISCOSITY: 1.2 cSt @ 100°F

10. Stability and Reactivity

STABILITY: Stable.

CONDITIONS TO AVOID

Heat, strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones

HAZARDOUS POLYMERIZATION: will not occur.

11. Toxicological Information

EYE

(Draze) Similar product > 15.00 – 25.00 /110 (rabbit) slightly irritating

SKIN

(Draze) Similar product > 0.50 – 3.00/8.0 (rabbit) slightly irritating. LD₅₀ Similar product > 2.00 grams/kg (rabbit) practically non-toxic

INGESTION

LD₅₀ Similar product > 5.00 grams/kg (rat) practically non-toxic

INHALATION

Not determined

OTHER TOXIC EFFECTS

Middle distillates have caused skin irritation and skin cancer in laboratory animals when repeatedly applied and left in place between applications. Studies to further evaluate the carcinogenic potential of middle distillates are currently underway. Kidney damage has also been observed in laboratory animals exposed to middle distillates.

12. Ecological Information

Ecotoxicological information: not determined

Chemical fate information: not determined

Other ecological noted: not determined

13. Disposal Considerations

This product (as currently constituted) has the RCRA classification of benzene toxicity and ignitability. If discarded in its present form, it would have the hazardous waste numbers D018 and D001. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc., may change the classification to non-hazardous or hazardous for reasons other than, or in addition to, benzene toxicity and ignitability.

OTHER NOTES

This product is potentially biodegradable.

14. Transportation Information

PROPER SHIPPING NAME: Fuel Oil

HAZARD CLASS: Combustible Liquid

DOT IDENTIFICATION NUMBER: NA 1993

REPORTABLE QUANTITY: See Section 15, CERCLA, for RQ listings

REGULATORY REFERENCES: Land transport only—49CFR 173.120(B)(2)

PACKAGING GROUP: III

LABEL: None

OTHER NOTES

This product contains a DOT Hazardous Substance or Substances, listed in Section 15, CERCLA of the MSDS. If the product's shipping container holds a reportable quantity, then the DOT information must be accompanied with RQ notation, or, an otherwise 'Not Regulated' product will be classified as Environmentally Hazardous (solid/liquid) N.O.S., Class 9.

15. Regulatory Information

U.S. FEDERAL REGULATORY INFORMATION

SARA 302 Threshold Planning Quantity: NOT APPLICABLE

REPORTABLE QUANTITY
Benzene (CAS # 71-43-2) RQ-10

SARA TITLE III - Section 311/312 Hazard classes:

Immediate/Acute Health Effects: no
Delayed/Chronic Health Effects: yes
Fire Hazard: yes
Sudden Release of Pressure Hazard: no
Reactivity Hazard: no

EPA/TSCA Inventory: The components of this product are listed on or are exempt from the EPA/TSCA inventory of chemicals.

SARA TITLE III - Section 313 Supplier notification:

The following chemicals are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

- Benzene (CAS #71-43-2) 0.01 – 0.09% weight

Comprehensive Environmental Response Compensation and Liability Act (CERCLA): The following chemicals in this product are subject to the reporting requirements of CERCLA Section 101(14)(F): Benzene

16. Other Information

DATE MADE: 12/13/07

The information contained herein is based upon data available to us and reflects our best professional judgment. However, no warranty of merchantability, fitness for any use, or other warranty is expressed or implied regarding the accuracy of such data, the results to be obtained from the use thereof, or that any such use does not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.