

# Material Safety Data Sheet

---

## Section 1 General Information

---

**Manufacturer:**

Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061

**24 Hour Assistance: 1-847-367-7700**

[www.rustoleum.com](http://www.rustoleum.com) :

**Product Name:** Parks Kerosene (K-1)      **Date:** January 5, 2010

**Product Codes:**    5 Gallon      #2522  
                          2 ½ Gallon    #2532  
                          Gallon        #2523 #2533

---

## Section 2 Hazardous Ingredients

---

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH (TWA- TLV )</u>
Kerosene (Kerosine)	8008-20-6	N/A	200 mg/m <sup>3</sup>

\* Total Dust      \*\* Respirable Dust Fraction      C = Ceiling Value

---

## Section 3 Hazard Identification

---

**Emergency Overview:** This product (or a component) is a petroleum-derived material. Similar materials and certain compounds occurring naturally in petroleum oils have been shown to cause skin cancer in laboratory animals following repeated exposure without washing or removal.

**Primary Routes of Exposure:**

Skin Contact  
Eye Contact  
Inhalation

**Potential Acute Health Effects:**

**Eye:** Contact may cause eye irritation.

**Skin:** May cause skin irritation. Repeated or prolonged contact with skin may cause dermatitis.

---

N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

---

**Ingestion:** Substance may be harmful if swallowed. This substance may cause gastrointestinal tract distress and central nervous system depression.

**Inhalation:** High vapor concentrations may be irritating to the eyes, nose, throat and lungs.

**Potential Chronic Health Effects:**

**Signs and Symptoms:** Effects of overexposure include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination and fatigue).

(See also Sections 4, 8, and 11 for related information)

---

## **Section 4 First Aid Measures**

---

**Eye contact:** Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

**Skin contact:** Wash thoroughly with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** If swallowed, Contact a physician or Poison Control Center. Do Not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

---

## **Section 5 Fire Fighting Measures**

---

**Flash Point (method):** TAG CC 130°F.

**Extinguishing Media:** Foam, dry chemical, CO<sub>2</sub>, water spray or fog.

**Protection of Firefighters:** Use air supplied rescue equipment for enclosed areas. Cool exposed containers with water. Avoid breathing vapor or fumes.

---

## **Section 6 Accidental Release Measures**

---

**Clean Up Methods:** Eliminate all ignition sources. Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal, or absorb with absorbent materials and place into containers for disposal. Keep spill

---

N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

---

out of sewer and open bodies of water. Floors may be slippery; care should be exercised to avoid falls during clean up operations.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

---

## Section 7 Handling and Storage

---

**Handling:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in the data sheet must be observed. All 5 gallon pails and larger metal containers, including tank cars and tank trucks should be grounded and/or bonded when material is transferred. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids.

**Warning:** Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "auto-ignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

**Other Precautions:** Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

---

## Section 8 Exposure Controls / Personal Protection

---

**Engineering Controls:** Use in well-ventilated areas. If necessary use mechanical local exhaust ventilation or general room dilution ventilation to reduce vapor concentrations.

### **Personal Protective Equipment (PPE):**

**Eye Protection:** Prevent eye contact. Wear chemical splash goggles or similar eye protection if the potential exists for eye contact.

**Skin Protection:** Prevent skin contact. Wear chemical-resistant flexible-type gloves (neoprene, PVC, butyl, nitrile or similar). Depending on conditions of use additional protective equipment may be necessary such as face-shield, apron or coveralls.

---

N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

---

**Respiratory Protection:** None required for normally expected use conditions. If occupational exposure limits are exceeded or if irritation is experienced, wear an appropriate NIOSH approved respirator with organic vapor cartridges.

---

## Section 9 Physical Data

---

**Appearance:** Water-white color                      **Odor:** Petroleum-hydrocarbon odor

**Physical State:** liquid                                      **pH:** N/D

**Boiling Point:** 345-535°F                                      **Melting Point:** N/D

**Vapor Pressure:** Less than 5                                      **Vapor Density:** Heavier

**Viscosity:** N/D    **Solubility in Water:** Negligible

**Specific Gravity** (water = 1): 0.82

---

## Section 10 Stability and Reactivity

---

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Fumes, smoke and carbon monoxide in the case of incomplete combustion.

**Conditions to Avoid:** Keep away from heat, sparks, open flame and all other sources of ignition.

**Incompatibility:** Strong oxidants like liquid chlorine, concentrated oxygen, sodium or calcium hypochloride.

---

## Section 11 Toxicological Information

---

**Carcinogenicity:** The following ingredients are present at greater than 0.1% and are classified by IARC, NTP, or regulated by OSHA as carcinogenic:

<u>Ingredient</u>	<u>CAS #</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
None	N/A	N/A	N/A	N/A

(See also Section 15 for related information)

---

N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

---

---

## Section 12 Ecological Information

---

**Chemical Fate and Effects:** None known

---

## Section 13 Disposal Considerations

---

**RCRA Hazardous Waste:** This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to characteristics of ignitability (D001). The transportation, storage, treatment, and disposal of this waste must be conducted in compliance with 40 CFR 262,263,264,268, and 270. Disposal can only occur in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

---

## Section 14 Transportation Information

---

**Regulated by the DOT:** No (Combustible liquid)

**DOT Proper Shipping Name:** N/A

**UN / NA Number:** N/A

**Hazard Class:** N/A

**Packing Group:** N/A

---

## Section 15 Regulatory Information

---

**CERCLA:**

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

**SARA Title III, section 311/312:**

---

N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

---

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

**SARA Title III, section 313:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

**TSCA:**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that require export notification under Section 12(b) of the TSCA regulation.

---

## Section 16 Other Information

---

**Legend:** N/A: Not Applicable      N/D: Not Determined  
N/E: Not Established      N/R: Not Required  
cps: Centipoise      KU: Krebs Units  
STEL: Short Term Exposure Limit      C: OSHA Ceiling Value  
PPM: Parts Per Million      PPB: Parts Per Billion  
PEL: Permissible Exposure Limit      TLV: Threshold Limit Value  
TWA: Time Weighted Average      mg/m<sup>3</sup>: Milligrams per cubic Meter  
mppcf: Million particles per cubic foot of air.  
ACGIH: American Conference of Governmental Industrial Hygienists  
OSHA: Occupational Safety and Health Administration (US Dept. of Labor)  
RCRA: Resource Conservation and recovery Act  
SARA: Superfund Amendment and Reauthorization Act  
TSCA: Toxic Substance Control Act  
FHSA: Federal Hazardous Substance Act

Prepared By: Zinsser Health and Safety Manager, Regulatory Compliance Dept.

---

N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

---

**Disclaimer:** Rust-Oleum believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state, and local laws and regulations.